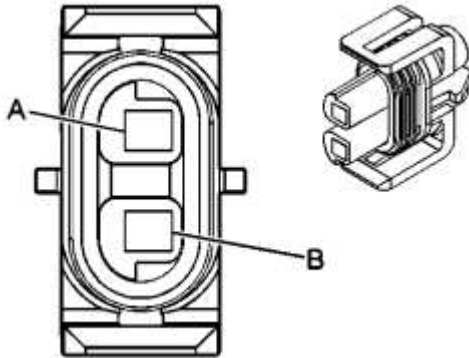


## Component Connector End Views

Document ID: 2456341

A/C Compressor Clutch



 [Click here for full size](#)

### Connector Part Information

- OEM: 12162017
- Service: 12101937
- Description: 2-Way F Metri-Pack 150 Series (GY)

### Terminal Part Information

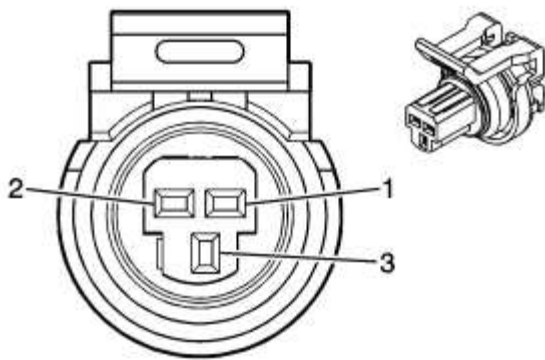
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

## A/C Compressor Clutch

| Pin | Wire     | Circuit | Function                             |
|-----|----------|---------|--------------------------------------|
| A   | 0.5 BK   | 1250    | Ground                               |
| B   | 0.5 D-GN | 59      | A/C Compressor Clutch Supply Voltage |

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

A/C Refrigerant Pressure Sensor



 [Click here for full size](#)

#### Connector Part Information

- OEM: 13532244
- Service: 88988144
- Description: 3-Way F GT 150 Series, Sealed (BK)

#### Terminal Part Information

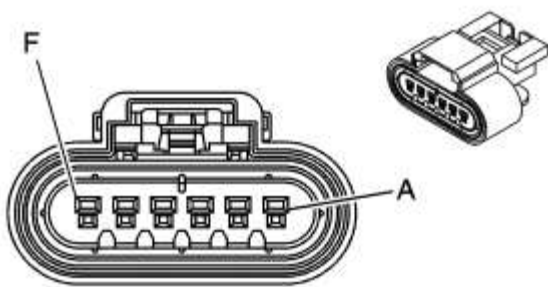
- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### A/C Refrigerant Pressure Sensor

| Pin | Wire       | Circuit | Function                               |
|-----|------------|---------|----------------------------------------|
| 1   | 0.35 BK/WH | 2751    | Low Reference                          |
| 2   | 0.35 GY    | 2700    | 5V1                                    |
| 3   | 0.35 OG/BK | 380     | A/C Refrigerant Pressure Sensor Signal |

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

Accelerator Pedal Position (APP) Sensor



 [Click here for full size](#)

### Connector Part Information

- OEM: 15326830
- Service: 88953153
- Description: 6-Way F GT 150 Series (BK)

### Terminal Part Information

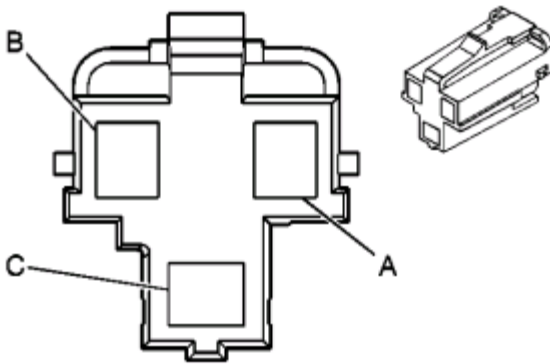
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Accelerator Pedal Position (APP) Sensor

| Pin | Wire       | Circuit | Function                                         |
|-----|------------|---------|--------------------------------------------------|
| A   | 0.35 PU    | 1272    | Low Reference                                    |
| B   | 0.35 L-BU  | 1162    | Accelerator Pedal Position (APP) Sensor 2 Signal |
| C   | 0.35 TN    | 1274    | 5V1                                              |
| D   | 0.35 BN    | 1271    | Low Reference                                    |
| E   | 0.35 D-BU  | 1161    | Accelerator Pedal Position (APP) Sensor 1 Signal |
| F   | 0.35 WH/BK | 1164    | 5V2                                              |

### Accessory Power Outlet - Accessory Power Outlet

Accessory Power Outlet



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12176446
- Service: 15305985
- Description: 3-Way F Metri-Pack 280 Series, Flexlock (BK)

#### Terminal Part Information

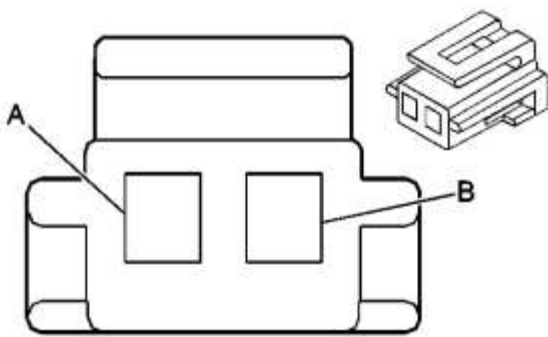
- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

#### Accessory Power Outlet

| Pin | Wire      | Circuit | Function          |
|-----|-----------|---------|-------------------|
| A   | 0.8 RD/WH | 3540    | Accessory Voltage |
| B   | —         | —       | Not Used          |
| C   | 0.8 BK    | 1550    | Ground            |

#### Air Temperature Actuator - Left - Air Temperature Actuator - Left

Air Temperature Actuator - Left



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#### Connector Part Information

- OEM: 12059110
- Service: 88953271
- Description: 2-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

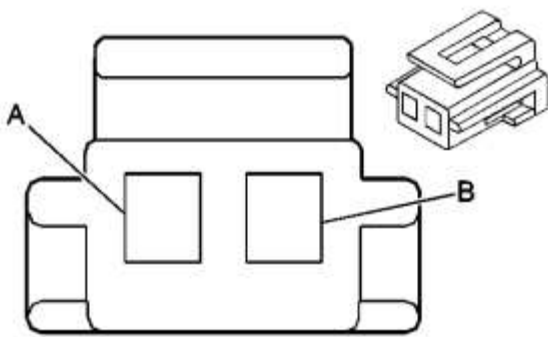
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Air Temperature Actuator - Left

| Pin | Wire         | Circuit | Function                            |
|-----|--------------|---------|-------------------------------------|
| A   | 0.35 D-BU/WH | 1199    | Left Air Temperature Door Control A |
| B   | 0.35 YE      | 1791    | Left Air Temperature Door Control B |

#### Air Temperature Actuator - Right - Air Temperature Actuator - Right

Air Temperature Actuator - Right



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12059110
- Service: 88953271
- Description: 2-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

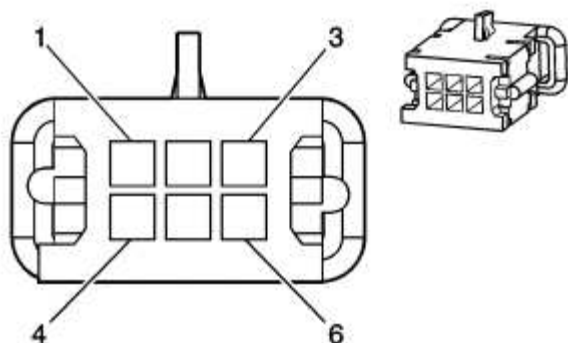
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Air Temperature Actuator - Right

| Pin | Wire       | Circuit | Function                             |
|-----|------------|---------|--------------------------------------|
| A   | 0.35 WH/BK | 1236    | Right Air Temperature Door Control A |
| B   | 0.35 D-BU  | 1646    | Right Air Temperature Door Control B |

#### Air Temperature Sensor - Inside - Air Temperature Sensor - Inside

Air Temperature Sensor - Inside



 [Click here for full size](#)

### Connector Part Information

- OEM: 4990-1221
- Service: 88953365
- Description: 6-Way F 0.635 Series (BK)

### Terminal Part Information

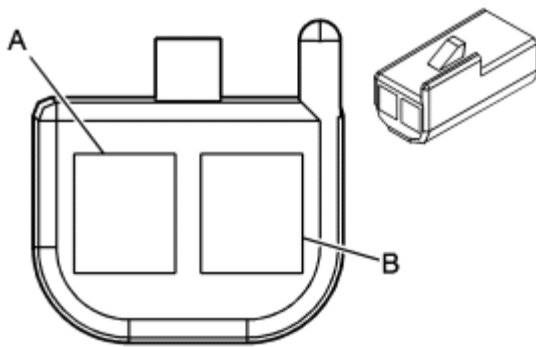
- Terminal/Tray: 928999-5/15
- Core/Insulation Crimp: H/H
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

### Air Temperature Sensor - Inside

| Pin | Wire      | Circuit | Function                                     |
|-----|-----------|---------|----------------------------------------------|
| 1   | 0.35 PK   | 639     | Ignition 1 Voltage                           |
| 2   | —         | —       | Not Used                                     |
| 3   | 0.35 L-GN | 5962    | Inside Air Temperature Sensor Blower Control |
| 4   | 0.35 D-GN | 734     | Inside Air Temperature Sensor Signal         |
| 5   | —         | —       | Not Used                                     |
| 6   | 0.35 YE   | 61      | Low Reference                                |

### Air Temperature Sensor - Lower Left - Air Temperature Sensor - Lower Left

Air Temperature Sensor - Lower Left



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

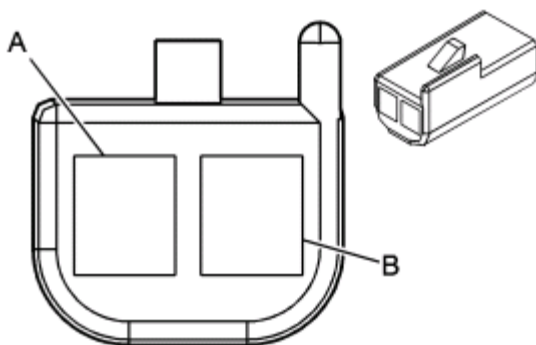
#### Air Temperature Sensor - Lower Left

| Pin | Wire    | Circuit | Function                                 |
|-----|---------|---------|------------------------------------------|
| A   | 0.35 TN | 518     | Lower Left Air Temperature Sensor Signal |
| B   | 0.35 BN | 718     | Low Reference                            |

#### Air Temperature Sensor - Lower Right - Air Temperature Sensor - Lower Right

Air Temperature Sensor - Lower Right





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#### Connector Part Information

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

#### Terminal Part Information

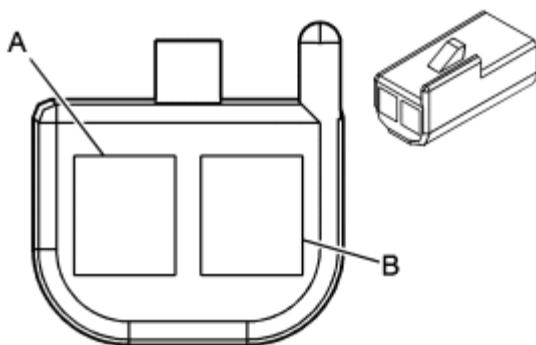
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Air Temperature Sensor - Lower Right

| Pin | Wire       | Circuit | Function                                  |
|-----|------------|---------|-------------------------------------------|
| A   | 0.35 TN/BK | 520     | Lower Right Air Temperature Sensor Signal |
| B   | 0.35 GY    | 720     | Low Reference                             |

#### Air Temperature Sensor - Upper Left - Air Temperature Sensor - Upper Left

Air Temperature Sensor - Upper Left



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#### Connector Part Information

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

#### Terminal Part Information

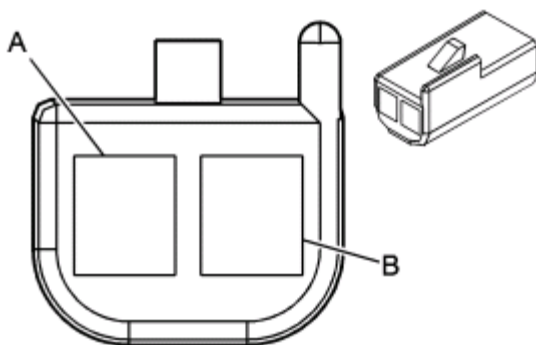
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Air Temperature Sensor - Upper Left

| Pin | Wire    | Circuit | Function                                 |
|-----|---------|---------|------------------------------------------|
| A   | 0.35 TN | 516     | Upper Left Air Temperature Sensor Signal |
| B   | 0.35 YE | 61      | Low Reference                            |

#### Air Temperature Sensor - Upper Right - Air Temperature Sensor - Upper Right

Air Temperature Sensor - Upper Right



 [Click here for full size](#)

#### Connector Part Information

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

#### Terminal Part Information

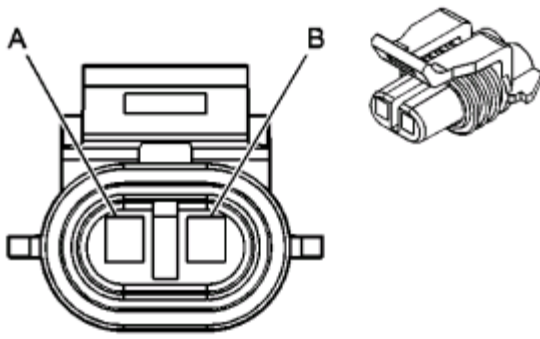
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Air Temperature Sensor - Upper Right

| Pin | Wire    | Circuit | Function                                  |
|-----|---------|---------|-------------------------------------------|
| A   | 0.35 TN | 517     | Upper Right Air Temperature Sensor Signal |
| B   | 0.35 YE | 61      | Low Reference                             |

#### Ambient Air Temperature Sensor - Ambient Air Temperature Sensor

Ambient Air Temperature Sensor



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12186685
- Service: 12102747
- Description: 2-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

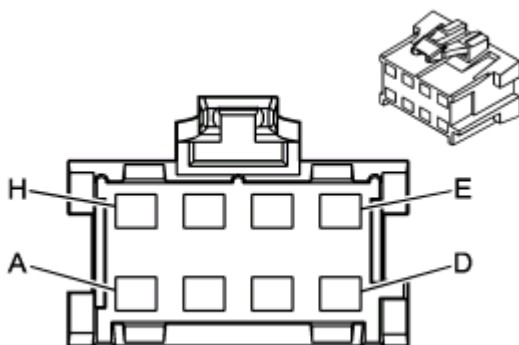
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Ambient Air 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                         |

#### Audio Amplifier X1 - Audio Amplifier X1

Audio Amplifier X1



 [Click here for full size](#)

### Connector Part Information

- OEM: 15357040
- Service: 12110626
- Description: 8-Way F Metri-Pack 280 Series (GY)

### Terminal Part Information

- Pins: E
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit
- Pins: A, E, F, H
- Terminal/Tray: 12110842/4
- Core/Insulation Crimp: F/G
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: A-D, F-H
- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: Pins A-D - C/A
- Core/Insulation Crimp: Pins B, C, F-H - E/C
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

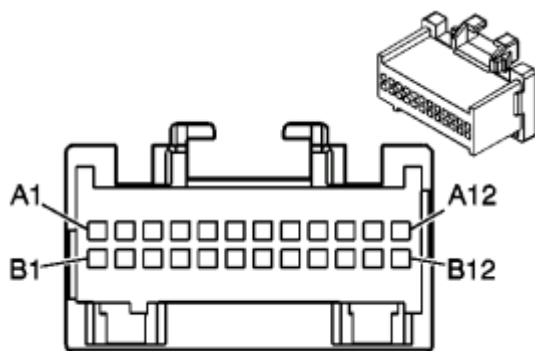
### Audio Amplifier X1

| Pin | Wire      | Circuit | Function                                       |
|-----|-----------|---------|------------------------------------------------|
| A   | 3 BK/WH   | 651     | Signal Ground (U65)                            |
|     | 1 L-GN    | 200     | Right Front Subwoofer Speaker Output (+) (U66) |
| B   | 1 D-GN    | 117     | Right Front Subwoofer Speaker Output (-) (U66) |
|     | 0.35 L-GN | 5782    | Left Front Subwoofer Speaker Output (+) (U65)  |
| C   | 0.35 L-BU | 5784    | Right Front Subwoofer Speaker Output (+) (U65) |
|     | 1 GY      | 118     | Left Front Subwoofer Speaker Output (-) (U66)  |
| D   | 1 TN      | 201     | Left Front Subwoofer Speaker Output (+) (U66)  |
| E   | 3 RD/BK   | 142     | Battery Positive Voltage (U66)                 |
|     | 0.35 BK   | 9011    | Drain (Y67 with U65)                           |
| F   | 0.35 D-BU | 5785    | Right Front Subwoofer Speaker Output (-) (U65) |
|     | 3 BK/WH   | 651     | Ground (U66)                                   |
| G   | 0.5 YE    | 1860    | Front Center Speaker Output (+) (U66)          |

|   |           |      |                                               |
|---|-----------|------|-----------------------------------------------|
|   | 0.35 D-GN | 5783 | Left Front Subwoofer Speaker Output (-) (U65) |
| H | 3 RD/BK   | 142  | Battery Positive Voltage (U65)                |
|   | 0.5 L-BU  | 1960 | Front Center Speaker Output (-) (U66)         |

### Audio Amplifier X2 (U66) - Audio Amplifier X2 (U66)

Audio Amplifier X2 (U66)



[Click here for full size](#)

### Connector Part Information

- OEM: 12110206
- Service: 12110206
- Description: 24-Way F Micro-Pack 100 Series (L-BU)

### Terminal Part Information

- Pins: A3-A12, B3-B7, B9-B12
- Terminal/Tray: 12146447/3
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)

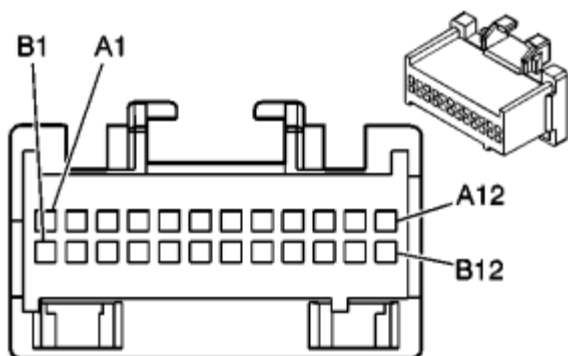
### Audio Amplifier X2 (U66)

| Pin   | Wire       | Circuit | Function                              |
|-------|------------|---------|---------------------------------------|
| A1-A2 | —          | —       | Not Used                              |
| A3    | 0.35 WH    | 1487    | Antenna Enable Signal                 |
| A4    | 0.35 BN/WH | 599     | Left Rear Low Level Audio Signal (+)  |
| A5    | 0.35 BN    | 1999    | Left Rear Low Level Audio Signal (-)  |
| A6    | 0.35 D-GN  | 1947    | Left Front Low Level Audio Signal (-) |
| A7    | 0.35 TN    | 511     | Left Front Low Level Audio Signal (+) |

|       |           |      |                                         |
|-------|-----------|------|-----------------------------------------|
| A8    | 0.35 OG   | 5748 | Amplifier Mute Signal                   |
| A9    | 0.8 D-BU  | 46   | Right Rear Midrange Speaker Output (+)  |
| A10   | 0.8 L-BU  | 115  | Right Rear Midrange Speaker Output (-)  |
| A11   | 0.8 BN    | 199  | Left Rear Midrange Speaker Output (+)   |
| A12   | 0.8 YE    | 116  | Left Rear Midrange Speaker Output (-)   |
| B1-B2 | —         | —    | Not Used                                |
| B3    | 0.5 BK    | 2011 | Drain Wire                              |
| B4    | 0.35 TN   | 1946 | Right Rear Low Level Audio Signal (-)   |
| B5    | 0.35 D-BU | 546  | Right Rear Low Level Audio Signal (+)   |
| B6    | 0.35 D-GN | 512  | Right Front Low Level Audio Signal (+)  |
| B7    | 0.35 L-GN | 1948 | Right Front Low Level Audio Signal (-)  |
| B8    | —         | —    | Not Used                                |
| B9    | 0.5 D-BU  | 1857 | Left Front Midrange Speaker Output (+)  |
| B10   | 0.5 L-BU  | 1957 | Left Front Midrange Speaker Output (-)  |
| B11   | 0.5 OG    | 1853 | Right Front Midrange Speaker Output (+) |
| B12   | 0.5 D-GN  | 1953 | Right Front Midrange Speaker Output (-) |

### Audio Amplifier X2 (Coupe with U65) - Audio Amplifier X2 (Coupe with U65)

Audio Amplifier X2 (Coupe with U65)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12110088
- Service: 12110088
- Description: 24-Way F Micro-Pack 100 Series (GY)

#### Terminal Part Information

- Pins: A4, B12
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit
- Pins: A3, A5-A12, B1, B3-B11
- Terminal/Tray: 12146447/3
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)
- Pins: B2
- Terminal/Tray: 12146448/19
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)

### Audio Amplifier X2 (Coupe with U65)

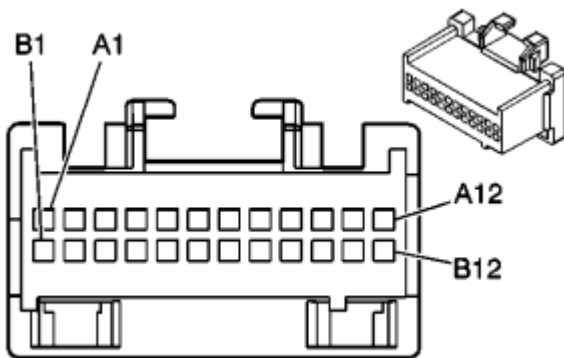
| Pin   | Wire          | Circuit | Function                                       |
|-------|---------------|---------|------------------------------------------------|
| A1-A2 | —             | —       | Not Used                                       |
| A3    | 0.35 D-GN     | 1488    | Noise Compensation Microphone Supply Voltage   |
| A4    | 0.35 BK       | 1489    | Drain                                          |
| A5    | 0.5 YE        | 1860    | Front Center Speaker Output (+)                |
| A6    | 0.5 L-BU      | 1960    | Front Center Speaker Output (-)                |
| A7    | 0.5 BN        | 199     | Rear Speaker Output (+)                        |
| A8    | 0.5 YE        | 116     | Rear Speaker Output (-)                        |
| A9    | 0.5 D-BU      | 1857    | Left Front Midrange Speaker Output (+)         |
| A10   | 0.5 L-BU      | 1957    | Left Front Midrange Speaker Output (-)         |
| A11   | 0.5 OG        | 1853    | Right Front Midrange Speaker Output (+)        |
| A12   | 0.5 D-GN      | 1953    | Right Front Midrange Speaker Output (-)        |
| B1    | 0.35 OG       | 5748    | Amplifier Mute Signal                          |
| B2    | 1 GY          | 5749    | Radio Vehicle Noise Compensation Enable Signal |
| B3    | 0.35 TN       | 1946    | Right Rear Low Level Audio Signal (-)          |
| B4    | 0.35 D-BU     | 546     | Right Rear low Level Audio Signal (+)          |
| B5    | 0.35 BN       | 1999    | Left Rear Low Level Audio Signal (-)           |
| B6    | 0.35<br>BN/WH | 599     | Left Rear Low Level Audio Signal (+)           |
| B7    | 0.35 L-GN     | 1948    | Right Front Low Level Audio Signal (-)         |
| B8    | 0.35 D-GN     | 512     | Right Front Low Level Audio Signal (+)         |
| B9    | 0.35 D-GN     | 1947    | Left Front Low Level Audio Signal (-)          |



|     |         |      |                                       |
|-----|---------|------|---------------------------------------|
| B10 | 0.35 TN | 511  | Left Front Low Level Audio Signal (+) |
| B11 | 0.35 WH | 1487 | Antenna Enable Signal                 |
| B12 | 0.35 BK | 9011 | Drain                                 |

## Audio Amplifier X2 (Convertible with U65) - Audio Amplifier X2 (Convertible with U65)

Audio Amplifier X2 (Convertible with U65)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12110244
- Service: 12110244
- Description: 24-Way F Micro-Pack 100 Series (PK)

### Terminal Part Information

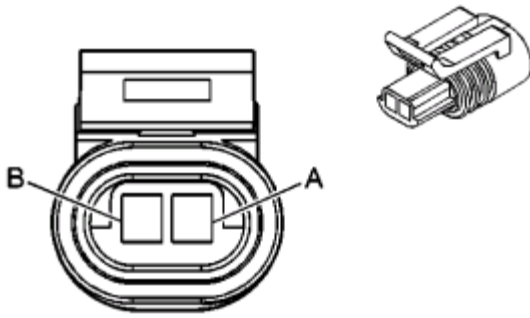
- Pins: A4
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit
  
- Pins: A3, A5-A12, B1, B3-B12
- Terminal/Tray: 12146447/3
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)
  
- Pins: B2
- Terminal/Tray: 12146448/19
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)

**Audio Amplifier X2 (Convertible with U65)**

| Pin   | Wire          | Circuit | Function                                       |
|-------|---------------|---------|------------------------------------------------|
| A1-A2 | —             | —       | Not Used                                       |
| A3    | 0.35 D-GN     | 1488    | Noise Compensation Microphone Supply Voltage   |
| A4    | 0.35 BK       | 9489    | Drain                                          |
| A5    | 0.5 YE        | 1860    | Front Center Speaker Output (+)                |
| A6    | 0.5 L-BU      | 1960    | Front Center Speaker Output (-)                |
| A7    | 0.5 BN        | 199     | Rear Speaker Output (+)                        |
| A8    | 0.5 YE        | 116     | Rear Speaker Output (-)                        |
| A9    | 0.5 D-BU      | 1857    | Left Front Midrange Speaker Output (+)         |
| A10   | 0.5 L-BU      | 1957    | Left Front Midrange Speaker Output (-)         |
| A11   | 0.5 OG        | 1853    | Right Front Midrange Speaker Output (+)        |
| A12   | 0.5 D-GN      | 1953    | Right Front Midrange Speaker Output (-)        |
| B1    | 0.35 OG       | 5748    | Amplifier Mute Signal                          |
| B2    | 1 GY          | 5749    | Radio Vehicle Noise Compensation Enable Signal |
| B3    | 0.35 TN       | 1946    | Right Rear Low Level Audio Signal (-)          |
| B4    | 0.35 D-BU     | 546     | Right Rear low Level Audio Signal (+)          |
| B5    | 0.35 BN       | 1999    | Left Rear Low Level Audio Signal (-)           |
| B6    | 0.35<br>BN/WH | 599     | Left Rear Low Level Audio Signal (+)           |
| B7    | 0.35 L-GN     | 1948    | Right Front Low Level Audio Signal (-)         |
| B8    | 0.35 D-GN     | 512     | Right Front Low Level Audio Signal (+)         |
| B9    | 0.35 D-GN     | 1947    | Left Front Low Level Audio Signal (-)          |
| B10   | 0.35 TN       | 511     | Left Front Low Level Audio Signal (+)          |
| B11   | 0.35 WH       | 1487    | Antenna Enable Signal                          |
| B12   | 0.35<br>GY/BK | 896     | Hard Top Connected Signal                      |

**Automatic Transmission Fluid Temperature (TFT) Sensor (KNP)**  
**- Automatic Transmission Fluid Temperature (TFT) Sensor (KNP)**

Automatic Transmission Fluid Temperature (TFT) Sensor (KNP)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15449028
- Service: 88987978
- Description: 2-Way F GT 150 Series Sealed (BK)

#### Terminal Part Information

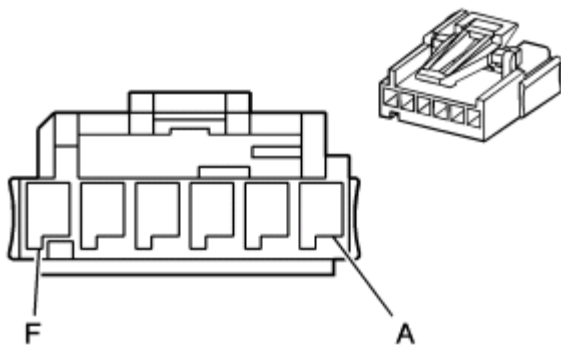
- Terminal/Tray: 15326266
- Core/Insulation Crimp: C
- Release Tool/Test Probe: See Terminal Repair Kit

#### Automatic Transmission Fluid Temperature (TFT) Sensor (KNP)

| Pin | Wire          | Circuit | Function                                              |
|-----|---------------|---------|-------------------------------------------------------|
| A   | 0.35<br>OG/BK | 586     | Low Reference                                         |
| B   | 0.35<br>TN/WH | 585     | Transmission Fluid Temperature (TFT) Sensor<br>Signal |

#### 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: 89046635
- Description: 6-Way F Metri-Pack 150.2 Series (GN)

#### Terminal Part Information

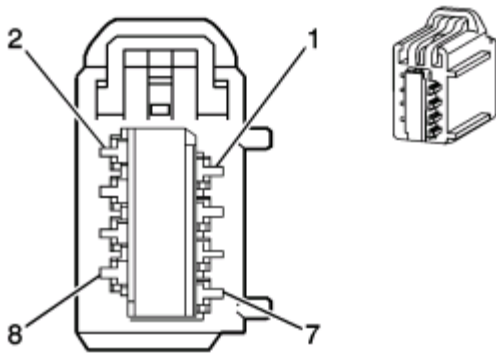
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

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

| Pin | Wire    | Circuit | Function                           |
|-----|---------|---------|------------------------------------|
| A   | 0.35 GY | —       | Ground                             |
| B   | 0.35 BK | —       | Transmission Range Switch Signal P |
| C   | 0.35 YE | —       | Transmission Range Switch Signal C |
| D   | 0.35 RD | —       | Transmission Range Switch Signal B |
| E   | 0.35 GN | —       | Transmission Range Switch Signal A |
| F   | 0.35 WH | —       | Park/Neutral Switch Signal         |

#### Automatic Transmission Shift Lever (MYC) - Automatic Transmission Shift Lever (MYC)

Automatic Transmission Shift Lever (MYC)



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### Connector Part Information

- OEM: E-3575-001- A
- Service: 88988108
- Description: 8-Way F 1.5 Series, Unsealed (BK)

### Terminal Part Information

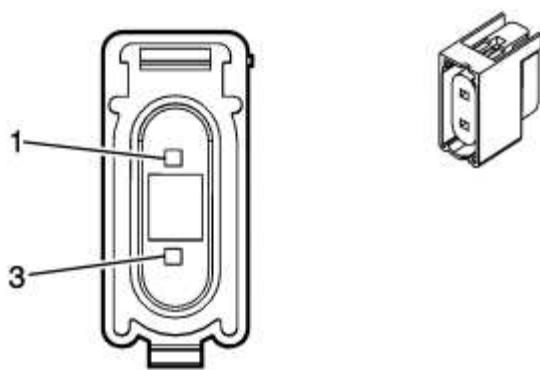
- Terminal/Tray: 7116-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

### Automatic Transmission Shift Lever (MYC)

| Pin | Wire         | Circuit | Function                                |
|-----|--------------|---------|-----------------------------------------|
| 1   | 0.35 D-BU    | 75      | Park Reverse Switch Supply Voltage      |
| 2-4 | —            | —       | Not Used                                |
| 5   | 0.35 RD/WH   | 840     | Battery Positive Voltage                |
| 6   | 0.35 D-GN/WH | 1932    | Transmission Shift Select Switch        |
| 7   | 0.35 GY/BK   | 1357    | Instrument Panel Lamp Control           |
| 8   | 0.35 D-GN/WH | 1135    | A/T Shift Lock Control Solenoid Control |

### Backup Lamp - Left - Backup Lamp - Left

Backup Lamp - Left



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#### Connector Part Information

- OEM: ZFJ-00702-UA
- Service: See Catalog
- Description: 3-Way F Axial 2-Wire Connector Assembly (GN)

#### Terminal Part Information

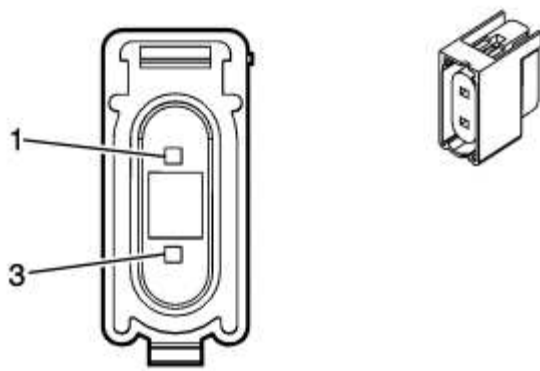
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

#### Backup Lamp - Left

| Pin | Wire     | Circuit | Function                   |
|-----|----------|---------|----------------------------|
| 1   | 0.5 BK   | 750     | Ground                     |
| 2   | —        | —       | Not Available              |
| 3   | 0.5 L-GN | 24      | Backup Lamp Supply Voltage |

#### Backup Lamp - Right - Backup Lamp - Right

Backup Lamp - Right



 [Click here for full size](#)

### Connector Part Information

- OEM: ZFJ-00702-UA
- Service: See Catalog
- Description: 3-Way F Axial 2-Wire Connector Assembly (GN)

### Terminal Part Information

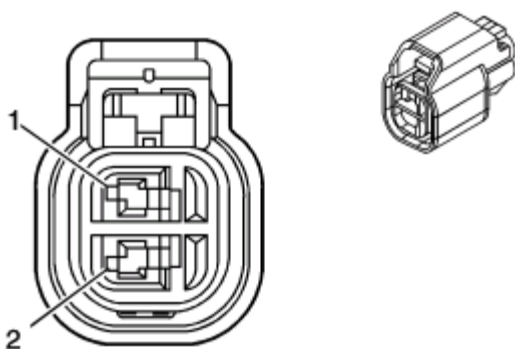
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

### Backup Lamp - Right

| Pin | Wire     | Circuit | Function                   |
|-----|----------|---------|----------------------------|
| 1   | 0.5 BK   | 750     | Ground                     |
| 2   | —        | —       | Not Available              |
| 3   | 0.5 L-GN | 24      | Backup Lamp Supply Voltage |

### Backup Lamp Switch - 1 (MM6/MZ6) - Backup Lamp Switch - 1 (MM6/MZ6)

Backup Lamp Switch - 1 (MM6/MZ6)



 [Click here for full size](#)

#### Connector Part Information

- OEM: E-3550
- Service: See Catalog
- Description: 2-Way F 1.5 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

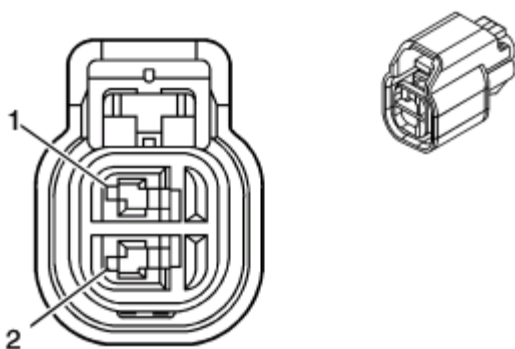
#### Backup Lamp Switch - 1 (MM6/MZ6)

| Pin | Wire      | Circuit | Function                  |
|-----|-----------|---------|---------------------------|
| 1   | 0.35 L-GN | 5007    | Backup Lamp Switch Signal |
| 2   | 0.35 D-BU | 75      | Reverse Switch Control    |

#### Backup Lamp Switch - 2 (MM6/MZ6) - Backup Lamp Switch - 2 (MM6/MZ6)

Backup Lamp Switch - 2 (MM6/MZ6)





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### Connector Part Information

- OEM: E-3550
- Service: See Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

### Terminal Part Information

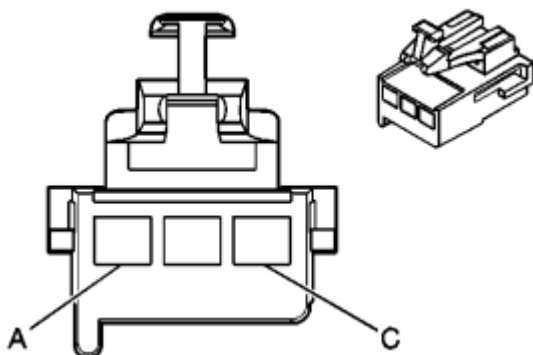
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Backup Lamp Switch - 2 (MM6/MZ6)

| Pin | Wire      | Circuit | Function                   |
|-----|-----------|---------|----------------------------|
| 1   | 0.35 L-BU | 2182    | Reverse Lamp Relay Control |
| 2   | 0.35 D-BU | 75      | Reverse Switch Control     |

### Blower Motor Control Module - Blower Motor Control Module

Blower Motor Control Module



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### Connector Part Information

- OEM: 12129489
- Service: 12126486
- Description: 3-Way F Metri-Pack 280 Series Flexlock (BK)

### Terminal Part Information

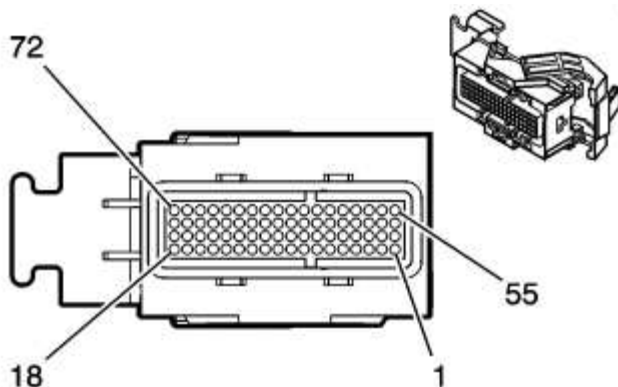
- Pins: A, C
- Terminal/Tray: 12110842/4
- Core/Insulation Crimp: F/G
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: B
- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

### Blower Motor Control Module

| Pin | Wire       | Circuit | Function                   |
|-----|------------|---------|----------------------------|
| A   | 3 RD/BK    | 442     | Battery Positive Voltage   |
| B   | 0.35 GY/BK | 754     | Blower Motor Speed Control |
| C   | 3 BK       | 1550    | Ground                     |

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

Body Control Module (BCM) X1



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**Connector Part Information**

- OEM: 15393122
- Service: 88987847
- Description: 72-Way F Micro-64 Unsealed (GY)

**Terminal Part Information**

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

**Body Control Module (BCM) X1**

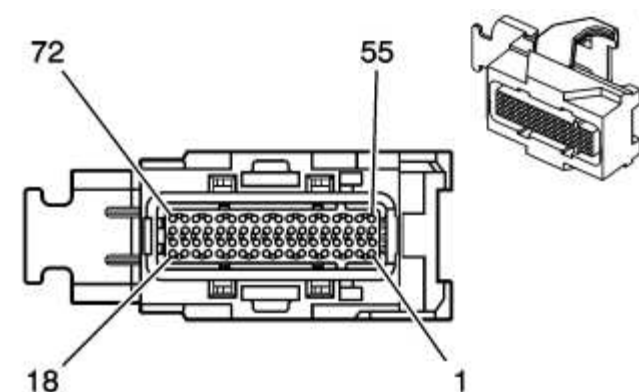
| Pin   | Wire         | Circuit | Function                                                                     |
|-------|--------------|---------|------------------------------------------------------------------------------|
| 1     | —            | —       | Not Used                                                                     |
| 2     | 0.35 YE      | 5058    | Intrusion Sensor Armed Signal (UA2)                                          |
| 3     | —            | —       | Not Used                                                                     |
| 4     | 0.35 D-BU    | 2167    | Folding Top Cover Ajar Switch Supply Voltage (CM7)                           |
| 5-6   | —            | —       | Not Used                                                                     |
| 7     | 0.35 L-GN    | 5724    | Ignition Mode Switch Mode Control                                            |
| 8-11  | —            | —       | Not Used                                                                     |
| 12    | 0.35 BK/WH   | 851     | Ground                                                                       |
| 13    | 0.35 TN      | 28      | Horn Relay Control                                                           |
| 14    | 0.35 D-BU    | 5719    | Ignition Mode Switch Start LED Signal                                        |
| 15    | 0.35 WH      | 5741    | Steering Column Lock Module Lock Enable Relay Control (Except North America) |
| 16    | 0.35 L-BU    | 1344    | Trunk Release Relay Control                                                  |
| 17    | 0.35 D-GN    | 1399    | Accessory Voltage Signal (CM7)                                               |
| 18    | 0.35 OG/BK   | 744     | Trunk Ajar Switch Signal                                                     |
| 19    | 0.35 D-GN/WH | 1317    | Fog Lamp Relay Control                                                       |
| 20-21 | —            | —       | Not Used                                                                     |
| 22    | 0.35 YE      | 43      | Accessory Voltage                                                            |
| 23-28 | —            | —       | Not Used                                                                     |
| 29    | 0.35 TN/WH   | 1969    | Headlamp High Beam Relay Control                                             |

|       |              |      |                                                                   |
|-------|--------------|------|-------------------------------------------------------------------|
| 30-32 | —            | —    | Not Used                                                          |
| 33    | 0.35 L-GN    | 2166 | Folding Top Cover Release Switch Supply Voltage (Y67 without CM7) |
| 34    | —            | —    | Not Used                                                          |
| 35    | 0.35 TN      | 305  | Trunk Key Switch Signal                                           |
| 36-37 | —            | —    | Not Used                                                          |
| 38    | 0.5 L-BU/WH  | 1314 | Left Front Turn Signal Lamp Supply Voltage                        |
| 39    | —            | —    | Not Used                                                          |
| 40    | 0.35 GY      | 91   | Windshield Wiper Switch Signal 2                                  |
| 41    | —            | —    | Not Used                                                          |
| 42    | 0.35 GY      | 2169 | Convertible Top Relay Cover Release Control (CM7)                 |
| 43    | —            | —    | Not Used                                                          |
| 44    | 0.35 TN      | 126  | Left Front Door Open Switch Signal                                |
| 45-46 | —            | —    | Not Used                                                          |
| 47    | 0.35 OG/BK   | 737  | Folding Top Cover Pull Down Ajar Signal (Y67 with CM7)            |
| 48    | —            | —    | Not Used                                                          |
| 49    | 0.35 PU      | 5059 | Intrusion Sensor Alarm On Signal (UA2)                            |
| 50    | —            | —    | Not Used                                                          |
| 51    | 0.35 GY/BK   | 745  | Left Front Door Ajar Switch Signal                                |
| 52    | —            | —    | Not Used                                                          |
| 53    | 0.35 TN/WH   | 746  | Right Front Door Ajar Switch Signal                               |
| 54    | —            | —    | Not Used                                                          |
| 55    | 0.35 L-GN    | 1037 | Body Control Module (BCM) Class 2 Serial Data                     |
| 56    | 0.5 D-BU/WH  | 1315 | Right Front Turn Signal Lamp Supply Voltage                       |
| 57    | 0.35 WH      | 2282 | Headlamp Washer Relay Control (CE4)                               |
| 58-59 | —            | —    | Not Used                                                          |
| 60    | 0.35 PK      | 5780 | Windshield Wiper Motor Park Switch Signal                         |
| 61-62 | —            | —    | Not Used                                                          |
| 63    | 0.35 L-GN    | 1177 | Right Front Door Open Switch Signal                               |
| 64    | —            | —    | Not Used                                                          |
| 65    | 0.35 WH      | 1080 | Park Lamp Relay Control                                           |
| 66    | 0.35 L-GN/WH | 5723 | Ignition Mode Switch Mode Voltage                                 |

|    |               |      |                                                    |
|----|---------------|------|----------------------------------------------------|
| 67 | —             | —    | Not Used                                           |
| 68 | 0.35<br>TN/BK | 5168 | Power Sounder Enable Signal (Except North America) |
| 69 | 0.35<br>PK/BK | 109  | Hood Ajar Switch Signal (Except North America)     |
| 70 | 0.35<br>TN/WH | 1384 | Selective Ride Control Switch Signal               |
| 71 | 0.35<br>BN/WH | 2091 | Trunk Release Switch Supply Voltage                |
| 72 | —             | —    | Not Used                                           |

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

Body Control Module (BCM) X2



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### Connector Part Information

- OEM: 15393121
- Service: 88987848
- Description: 72-Way F Micro-64 Unsealed (GY)

### Terminal Part Information

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

## Body Control Module (BCM) X2

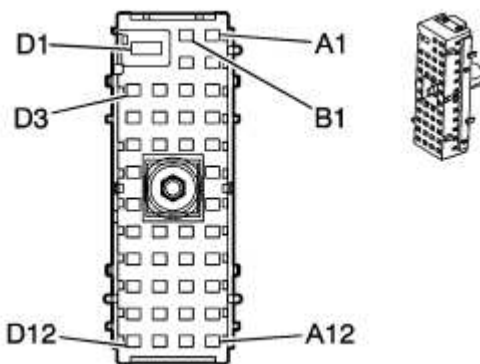
| Pin | Wire       | Circuit | Function                         |
|-----|------------|---------|----------------------------------|
| 1   | 0.35 TN/BK | 2500    | High Speed GMLAN Serial Data (+) |

|       |              |      |                                                          |
|-------|--------------|------|----------------------------------------------------------|
| 2     | 0.35 TN/BK   | 2500 | High Speed GMLAN Serial Data (+)                         |
| 3     | 0.35 PK/WH   | 1970 | Headlamp Low Beam Relay Control                          |
| 4     | 0.35 PU      | 524  | Headlamp Dimmer Switch High Beam Signal                  |
| 5     | 0.35 BN/WH   | 301  | Park Lamp Switch On Signal                               |
| 6     | 0.35 YE      | 1977 | Rear Fog Lamp Relay Control (Except North America)       |
| 7     | 0.35 PK      | 5068 | Intrusion Sensor Switch Disable Signal (UA2)             |
| 8     | —            | —    | Not Used                                                 |
| 9     | 0.35 TN      | 2144 | Hazard Switch Signal                                     |
| 10    | —            | —    | Not Used                                                 |
| 11    | 0.35 OG      | 5721 | Ignition Mode Switch Off LED Signal                      |
| 12-13 | —            | —    | Not Used                                                 |
| 14    | 0.35 TN      | 28   | Horn Relay Control                                       |
| 15    | 0.35 WH      | 103  | Headlamp Switch On Signal                                |
| 16    | 0.35 OG      | 192  | Front Fog Lamp Switch Signal                             |
| 17    | 0.35 L-BU    | 1872 | Park Lamp Switch Off Signal                              |
| 18    | 0.35 GY      | 5381 | 5V                                                       |
| 19    | 0.35 TN      | 2501 | High Speed GMLAN Serial Data (-)                         |
| 20    | 0.35 TN      | 2501 | High Speed GMLAN Serial Data (-)                         |
| 21    | —            | —    | Not Used                                                 |
| 22    | 0.35 L-BU    | 187  | Rear Fog Lamp Switch Signal                              |
| 23-30 | —            | —    | Not Used                                                 |
| 31    | 0.35 TN      | 5380 | Brake Position Sensor Signal                             |
| 32-48 | —            | —    | Not Used                                                 |
| 49    | 0.35 D-BU    | 75   | Reverse Switch Supply Voltage                            |
| 50    | —            | —    | Not Used                                                 |
| 51    | 0.35 BN      | 1356 | Flash To Pass Switch Signal                              |
| 52-56 | —            | —    | Not Used                                                 |
| 57    | 0.35 L-BU    | 1714 | Windshield Wiper Switch Low Signal                       |
| 58    | —            | —    | Not Used                                                 |
| 59    | 0.35 BN      | 5382 | Low Reference                                            |
| 60    | —            | —    | Not Used                                                 |
| 61    | 0.35 GY      | 1884 | Cruise Control Set/Coast/Resume/Accelerate Switch Signal |
| 62-65 | —            | —    | Not Used                                                 |
| 66    | 0.35 L-BU/WH | 1414 | Left Front Turn Signal Switch Signal                     |

|    |                 |      |                                           |
|----|-----------------|------|-------------------------------------------|
| 67 | 0.35<br>D-BU/WH | 1415 | Right Front Turn Signal Switch Signal     |
| 68 | 0.35 BN/WH      | 1571 | Traction Control Switch Signal            |
| 69 | 0.35<br>D-GN/WH | 1932 | Shift Select Switch Park Signal (MYC)     |
|    | 0.35 L-BU       | 2182 | Reverse Lamp Relay Control (MM6/MZ6)      |
| 70 | 0.35 GY/BK      | 896  | Hard Top Connected Signal (Y67)           |
| 71 | 0.35 L-GN       | 5720 | Ignition Mode Switch Accessory LED Signal |
| 72 | —               | —    | Not Used                                  |

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

Body Control Module (BCM) X3



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### Connector Part Information

- OEM: 15492675
- Service: 15404825
- Description: 41-Way F Metri-Pack 280 800 Series (RD)

### Terminal Part Information

- Pins: D1, D6
- Terminal/Tray: 12191475/1
- Core/Insulation Crimp: A/G
- Release Tool/Test Probe: 12094429/J-35616-4A (PU)
- Pins: A7, A8, A10, B3, B5, B12, C3, C12, D3, D7
- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

- Pins: D12
- Terminal/Tray: 12110842/4
- Core/Insulation Crimp: F/G
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: A1, A3, A4, A6, A9, A12, C5, D9-D11
- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: Pins A1, A4, A9, A12, C5, D10, D11 - C/A
- Core/Insulation Crimp: Pins A3, A6, D9 - E/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

### Body Control Module (BCM) X3

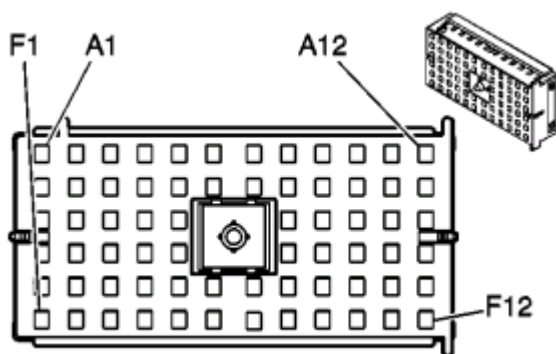
| Pin    | Wire       | Circuit | Function                                 |
|--------|------------|---------|------------------------------------------|
| A1     | 0.8 TN     | 694     | Driver Door Lock Actuator Unlock Control |
| A2     | —          | —       | Not Used                                 |
| A3     | 0.5 OG     | 1732    | Courtesy Lamp Supply Voltage             |
| A4     | 0.8 TN     | 294     | Door Lock Actuator Unlock Control        |
| A5     | —          | —       | Not Used                                 |
| A6     | 0.5 RD/WH  | 740     | Battery Positive Voltage (U2K/U3Z)       |
| A7     | 0.35 RD/WH | 240     | Battery Positive Voltage                 |
| A8     | 0.35 RD/WH | 1040    | Battery Positive Voltage                 |
| A9     | 0.8 YE     | 18      | Left Rear Stop/Turn Lamp Supply Voltage  |
| A10    | 0.35 WH    | 156     | Courtesy Lamp Switch Signal              |
| A11    | —          | —       | Not Used                                 |
| A12    | 0.8 D-GN   | 19      | Right Rear Stop/Turn Lamp Supply Voltage |
| B1-B2  | —          | —       | Not Used                                 |
| B3     | 0.35 RD/WH | 1240    | Battery Positive Voltage (UA2)           |
| B4     | —          | —       | Not Used                                 |
| B5     | 0.35 PK    | 3       | Ignition 1 Voltage                       |
| B8-B11 | —          | —       | Not Used                                 |
| B6-B7  | —          | —       | Not Available                            |
| B12    | 0.35 PK    | 5722    | Ignition Mode Switch LED Supply Voltage  |
| C1-C2  | —          | —       | Not Available                            |
| C3     | 0.35 PK    | 1139    | Ignition 1 Voltage                       |
|        | 0.35 PK    | 1139    | Ignition 1 Voltage (UL2)                 |
| C4     | —          | —       | Not Used                                 |
| C5     | 0.8 PK     | 839     | Ignition 1 Voltage                       |
| C6-C7  | —          | —       | Not Available                            |



|        |            |      |                                 |
|--------|------------|------|---------------------------------|
| C8-C11 | —          | —    | Not Used                        |
| C12    | 0.35 PK    | 94   | Windshield Washer Relay Control |
| D1     | 5 RD/BK    | 242  | Battery Positive Voltage        |
| D2     | —          | —    | Not Available                   |
| D3     | 0.35 PK    | 1139 | Ignition 1 Voltage              |
|        | 0.35 PK    | 1139 | Ignition 1 Voltage              |
| D4     | 0.5 RD/WH  | 1340 | Battery Positive Voltage (Z06)  |
| D5     | —          | —    | Not Used                        |
| D6     | 5 RD/BK    | 242  | Battery Positive Voltage        |
| D7     | 0.35 RD/WH | 840  | Battery Positive Voltage        |
|        | 0.35 RD/WH | 840  | Battery Positive Voltage        |
| D8     | —          | —    | Not Used                        |
| D9     | 0.5 L-GN   | 24   | Backup Lamp Supply Voltage      |
| D10    | 0.8 RD/WH  | 640  | Battery Positive Voltage        |
| D11    | 1 RD/WH    | 540  | Battery Positive Voltage (CM7)  |
| D12    | 3 RD/WH    | 1740 | Battery Positive Voltage        |

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

Body Control Module (BCM) X4



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### Connector Part Information

- OEM: 15492668
- Service: 88988776
- Description: 68-Way F Metri-Pack 280 Series, Flexlock (GY)

### Terminal Part Information

- Pins: D4

- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: A2, A3, B1, B10, C4, C8, C10, D1, D3, D5, D8, D10, E1, E5, E6, E8, E10, E12, F1, F5, F6, F9
- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: Pins A2, B10, D8, D10, E6, E10, E12 - E/A
- Core/Insulation Crimp: Pins A3, B1, C4, C8, C10, D1, D3, D5, E1, E5, E8, F1, F5, F6, F9 - E/C
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

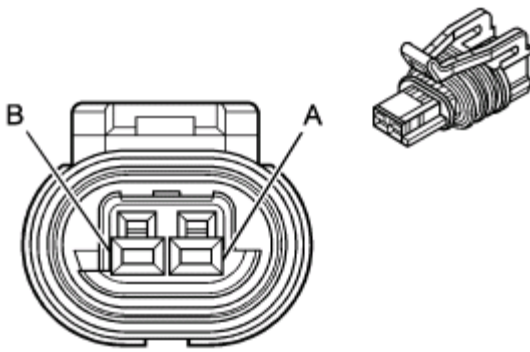
### Body Control Module (BCM) X4

| Pin     | Wire       | Circuit | Function                                |
|---------|------------|---------|-----------------------------------------|
| A1      | —          | —       | Not Used                                |
| A2      | 0.35 WH    | 156     | Courtesy Lamp Switch Signal             |
|         | 0.35 WH    | 156     | Courtesy Lamp Switch Signal             |
| A3      | 0.35 L-GN  | 24      | Backup Lamp Supply Voltage              |
| A4-A12  | —          | —       | Not Used                                |
| B1      | 0.35 PK    | 94      | Windshield Washer Switch Signal         |
| B2-B9   | —          | —       | Not Used                                |
| B10     | 0.5 PK     | 1439    | Ignition 1 Voltage                      |
|         | 0.5 PK     | 1439    | Ignition 1 Voltage (MM6/MZ6)            |
| B11-B12 | —          | —       | Not Used                                |
| C1      | 0.5 RD/WH  | 140     | Battery Positive Voltage (UL2)          |
|         | 0.5 RD/WH  | 140     | Battery Positive Voltage (UE1)          |
| C2-C3   | —          | —       | Not Used                                |
| C4      | 0.35 WH    | 17      | Stop Lamp Switch Signal                 |
| C5      | —          | —       | Not Used                                |
| C6-C7   | —          | —       | Not Available                           |
| C8      | 0.35 PK    | 3       | Ignition 1 Voltage                      |
| C9      | —          | —       | Not Used                                |
| C10     | 0.35 PK    | 739     | Ignition 1 Voltage                      |
|         | 0.35 PK    | 739     | Ignition 1 Voltage                      |
| C11     | 0.35 YE    | 1491    | Backlight Lamp Control (UK3)            |
| C12     | 0.35 BN    | 1244    | Instrument Panel Lamps Supply Voltage 2 |
| D1      | 0.35 RD/WH | 340     | Battery Positive Voltage                |
| D2      | —          | —       | Not Used                                |
| D3      | 0.35 PK    | 3       | Ignition 1 Voltage                      |

|         |            |      |                                       |
|---------|------------|------|---------------------------------------|
| D4      | 0.8 L-BU   | 20   | Stop Lamp Supply Voltage              |
| D5      | 0.35 OG    | 1732 | Courtesy Lamp Supply Voltage          |
| D6-D7   | —          | —    | Not Available                         |
| D8      | 0.5 PK     | 639  | Ignition 1 Voltage                    |
| D9      | —          | —    | Not Used                              |
| D10     | 0.5 RD/WH  | 1140 | Battery Positive Voltage              |
|         | 0.5 RD/WH  | 1140 | Battery Positive Voltage (UV6)        |
| D11-D12 | —          | —    | Not Used                              |
| E1      | 0.35 RD/WH | 440  | Battery Positive Voltage              |
|         | 0.35 RD/WH | 440  | Battery Positive Voltage (N37/NP7)    |
| E2-E4   | —          | —    | Not Used                              |
| E5      | 0.5 OG     | 1732 | Electronic Control Unit 12V Reference |
| E6      | 0.5 RD/WH  | 740  | Battery Positive Voltage              |
| E7      | —          | —    | Not Used                              |
| E8      | 0.35 PK    | 1039 | Ignition 1 Voltage                    |
|         | 0.35 PK    | 1039 | Ignition 1 Voltage (MM6/MZ6)          |
| E9      | —          | —    | Not Used                              |
| E10     | 0.5 RD/WH  | 1240 | Battery Positive Voltage              |
| E11     | —          | —    | Not Used                              |
| E12     | 0.5 BK     | 1550 | Ground                                |
| F1      | 0.35 RD/WH | 240  | Battery Positive Voltage              |
|         | 0.35 RD/WH | 240  | Battery Positive Voltage (UA2)        |
| F2-F4   | —          | —    | Not Used                              |
| F5      | 0.5 RD/WH  | 1040 | Battery Positive Voltage (T79)        |
| F6      | 0.35 RD/WH | 1040 | Battery Positive Voltage (CM7)        |
| F7-F8   | —          | —    | Not Used                              |
| F9      | 0.35 RD/WH | 3140 | Battery Positive Voltage (CM7)        |
| F10-F12 | —          | —    | Not Used                              |

## Brake Fluid Level Switch - Brake Fluid Level Switch

Brake Fluid Level Switch



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15449028
- Service: 88987978
- Description: 2-Way F GT 150 Series Sealed (BK)

#### Terminal Part Information

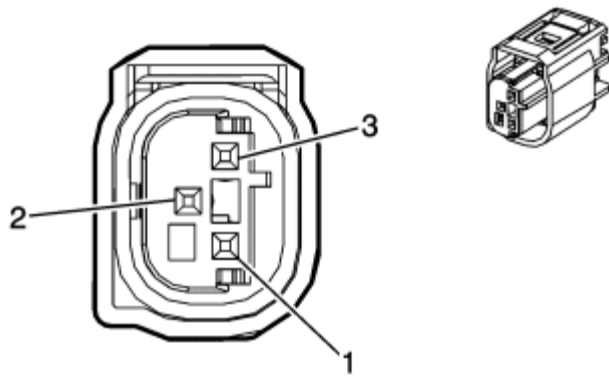
- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Brake Fluid Level Switch

| Pin | Wire    | Circuit | Function                        |
|-----|---------|---------|---------------------------------|
| A   | 0.35 PU | 333     | Brake Fluid Level Sensor Signal |
| B   | 0.35 BK | 1350    | Ground                          |

#### Brake Fluid Pressure Sensor - Brake Fluid Pressure Sensor

Brake Fluid Pressure Sensor



 [Click here for full size](#)

#### Connector Part Information

- OEM: 2-967642-1
- Service: 15306334
- Description: 3-Way F MQS Series, Sealed (GY)

#### Terminal Part Information

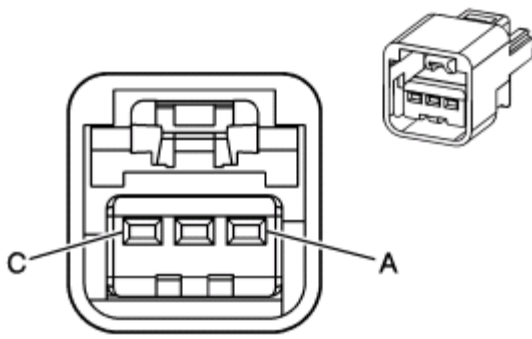
- Terminal/Tray: 962885-5/15
- Core/Insulation Crimp: 6/6
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

#### Brake Fluid Pressure Sensor

| Pin | Wire      | Circuit | Function                           |
|-----|-----------|---------|------------------------------------|
| 1   | 0.35 L-BU | 2088    | Low Reference                      |
| 2   | 0.35 PU   | 5002    | Brake Fluid Pressure Sensor Signal |
| 3   | 0.35 D-GN | 2087    | 5V                                 |

#### 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

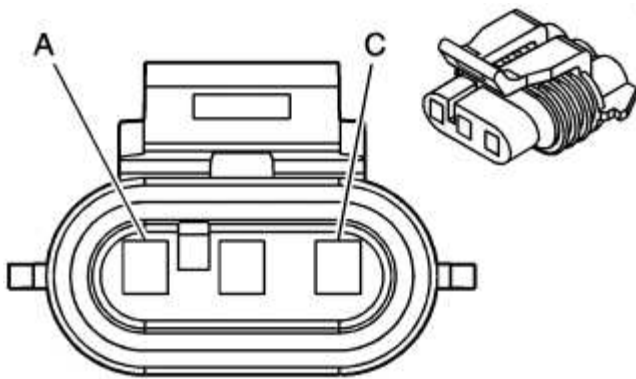
- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Brake Pedal Position Sensor

| Pin | Wire    | Circuit | Function                     |
|-----|---------|---------|------------------------------|
| A   | 0.35 BN | 5382    | Low Reference                |
| B   | 0.35 TN | 5380    | Brake Position Sensor Signal |
| C   | 0.35 GY | 5381    | 5V                           |

#### Camshaft Position (CMP) Sensor - Camshaft Position (CMP) Sensor

Camshaft Position (CMP) Sensor



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### Connector Part Information

- OEM: 12059595
- Service: 12085495
- Description: 3-Way F Metri-Pack 150 Series, Sealed (BK)

### Terminal Part Information

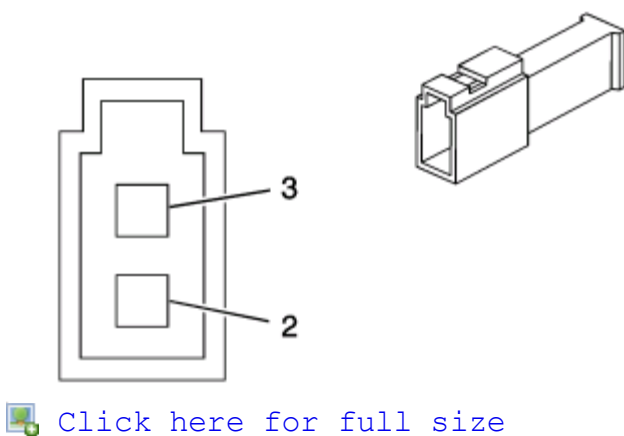
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Camshaft Position (CMP) Sensor

| Pin | Wire       | Circuit | Function                              |
|-----|------------|---------|---------------------------------------|
| A   | 0.35 OG    | 631     | 5V1 (6.2L)                            |
|     | 0.35 RD    | 631     | 5V1 (7.0L)                            |
| B   | 0.35 PK/BK | 632     | Low Reference                         |
| C   | 0.35 BN/WH | 633     | Camshaft Position Sensor (CMP) Signal |

### Cellular Telephone Microphone (UE1/URB) - Cellular Telephone Microphone (UE1/URB)

Cellular Telephone Microphone (UE1/URB)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 1-929103-1
- Service: See Catalog
- Description: 2-Way M 1.6 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

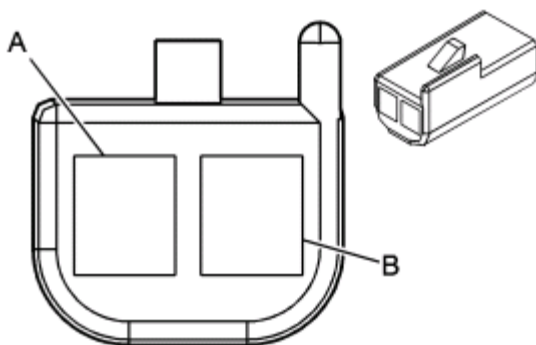
#### Cellular Telephone Microphone (UE1/URB)

| Pin | Wire    | Circuit | Function                   |
|-----|---------|---------|----------------------------|
| 2   | 0.35 BK | 9705    | Drain                      |
| 3   | 0.35 GY | 655     | Cellular Microphone Signal |

#### Center Console Flood Lamp - Center Console Flood Lamp

Center Console Flood Lamp





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#### Connector Part Information

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

#### Terminal Part Information

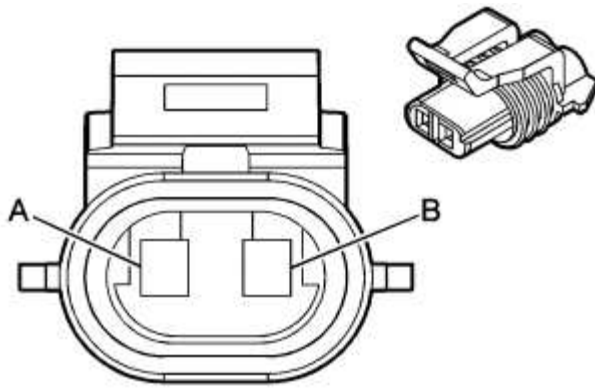
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Center Console Flood Lamp

| Pin | Wire       | Circuit | Function                                |
|-----|------------|---------|-----------------------------------------|
| A   | 0.35 GY/BK | 1458    | Instrument Panel Lamps Supply Voltage 4 |
| B   | 0.35 BK    | 1550    | Ground                                  |

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

Center High Mounted Stop Lamp (CHMSL)



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#### Connector Part Information

- OEM: 12052644
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series (GY)

#### Terminal Part Information

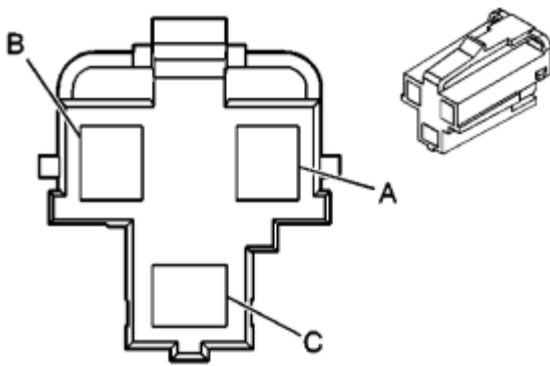
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

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

| Pin | Wire     | Circuit | Function                 |
|-----|----------|---------|--------------------------|
| A   | 0.8 BK   | 750     | Ground                   |
| B   | 0.8 L-BU | 20      | Stop Lamp Supply Voltage |

#### Cigar Lighter - Cigar Lighter

Cigar Lighter



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#### Connector Part Information

- OEM: 12176445
- Service: 15305919
- Description: 3-Way F Metri-Pack 280 Series, Flexlock (NA)

#### Terminal Part Information

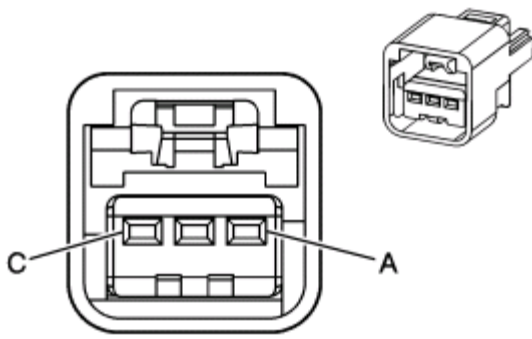
- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

#### Cigar Lighter

| Pin | Wire      | Circuit | Function          |
|-----|-----------|---------|-------------------|
| A   | 0.8 RD/WH | 3440    | Accessory Voltage |
| B   | —         | —       | Not Used          |
| C   | 0.8 BK    | 1550    | Ground            |

#### Clutch Pedal Position (CPP) Sensor (MM6/MZ6) - Clutch Pedal Position (CPP) Sensor (MM6/MZ6)

Clutch Pedal Position (CPP) Sensor (MM6/MZ6)



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#### Connector Part Information

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

#### Terminal Part Information

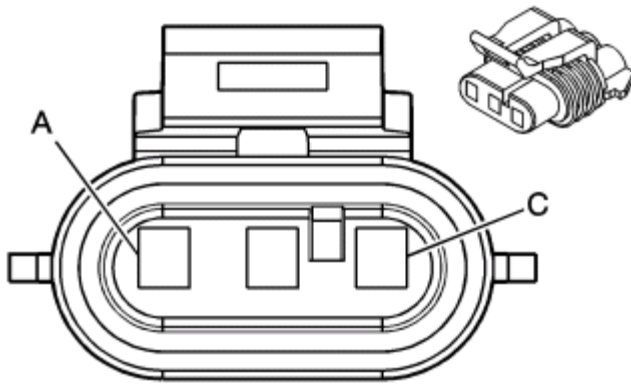
- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Clutch Pedal Position (CPP) Sensor (MM6/MZ6)

| Pin | Wire         | Circuit | Function                            |
|-----|--------------|---------|-------------------------------------|
| A   | 0.35 D-GN/WH | 6294    | Low Reference                       |
| B   | 0.35 D-BU    | 6306    | Clutch Pedal Position Sensor Signal |
| C   | 0.35 D-GN    | 6293    | 5V                                  |

#### Crankshaft Position (CKP) Sensor - Crankshaft Position (CKP) Sensor

Crankshaft Position (CKP) Sensor



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#### Connector Part Information

- OEM: 12129946
- Service: 88987997
- Description: 3-Way F Metri-Pack 150 Series (GY)

#### Terminal Part Information

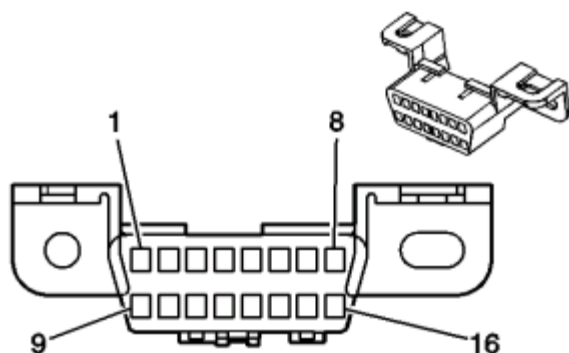
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Crankshaft Position (CKP) Sensor

| Pin | Wire         | Circuit | Function                                |
|-----|--------------|---------|-----------------------------------------|
| A   | 0.35 D-BU/WH | 1869    | Crankshaft Position (CKP) Sensor Signal |
| B   | 0.35 YE/BK   | 1868    | Low Reference                           |
| C   | 0.35 L-GN    | 1867    | 5V2                                     |

#### 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

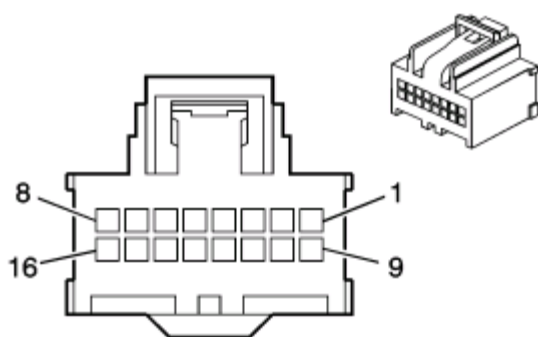
- Terminal/Tray: 12129484/19
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

### Data Link Connector (DLC)

| Pin  | Wire       | Circuit | Function                           |
|------|------------|---------|------------------------------------|
| 1    | —          | —       | Not Used                           |
| 2    | 0.35 PU    | 1132    | Class 2 Serial Data                |
| 3    | —          | —       | Not Used                           |
| 4    | 0.35 BK    | 1450    | Ground                             |
| 5    | 0.35 BK/WH | 851     | 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 | 1040    | Battery Positive Voltage           |

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

Digital Radio Receiver (U2K)



[Click here for full size](#)

### Connector Part Information

- OEM: 7283-9076-30
- Service: See Catalog
- Description: 16-Way F Kaizen 0.64 Series (BK)

### Terminal Part Information

- Pins: 2, 3, 9, 10, 15, 16
- Terminal/Tray: 15359541/4
- Core/Insulation Crimp: M/M
- Release Tool/Test Probe: 15381651-2/J-35616-64B (L-BU)
- Pins: 11
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

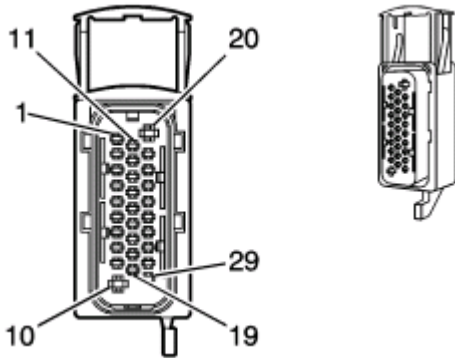
### Digital Radio Receiver (U2K)

| Pin   | Wire         | Circuit | Function            |
|-------|--------------|---------|---------------------|
| 1     | —            | —       | Not Used            |
| 2     | 0.35 BN/WH   | 367     | Left Audio Signal   |
| 3     | 0.35 D-GN/WH | 368     | Right Audio Signal  |
| 4-8   | —            | —       | Not Used            |
| 9     | 0.5 BK/WH    | 651     | Ground              |
| 10    | 0.35 TN/WH   | 372     | Audio Common        |
| 11    | 0.35 BK      | 9814    | Drain               |
| 12-14 | —            | —       | Not Used            |
| 15    | 0.35 L-BU    | 5781    | Class 2 Serial Data |

|    |           |     |                          |
|----|-----------|-----|--------------------------|
| 16 | 0.5 RD/WH | 740 | Battery Positive Voltage |
|----|-----------|-----|--------------------------|

## Door Control Module - Driver - Door Control Module - Driver

Door Control Module - Driver



[Click here for full size](#)

### Connector Part Information

- OEM: 1241594-1
- Service: 88953333
- Description: 29-Way F Micro Timer II Junior Power Timer (BK)

### Terminal Part Information

- Pins: 1-6, 11, 12, 19, 21-26, 29
- Terminal/Tray: 4-969005-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-560/J-35616-33 (YE)
- Pins: 10, 20
- Terminal/Tray: 4-964273-1/15
- Core/Insulation Crimp: C/5
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

## Door Control Module - Driver

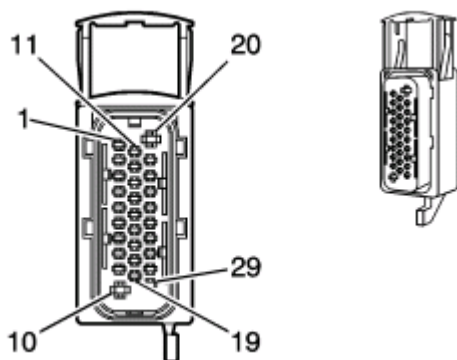
| Pin | Wire      | Circuit | Function                          |
|-----|-----------|---------|-----------------------------------|
| 1   | 0.35 L-GN | 89      | Driver Mirror Motor Down Control  |
| 2   | 0.35 WH   | 81      | Driver Mirror Motor Right Control |
| 3   | 0.35 L-BU | 82      | Driver Mirror Motor Left Control  |
| 4   | 0.35 GY   | 788     | 5V (DD0)                          |



|       |            |      |                                                       |
|-------|------------|------|-------------------------------------------------------|
| 5     | 0.35 GY    | 786  | Driver Mirror Horizontal Position Sensor Signal (DD0) |
| 6     | 0.35 D-GN  | 784  | Driver Mirror Vertical Position Sensor Signal (DD0)   |
| 7-9   | —          | —    | Not Used                                              |
| 10    | 2 BK       | 1450 | Ground                                                |
| 11    | 0.35 YE    | 88   | Driver Mirror Motor Up Control                        |
| 12    | 0.35 OG    | 267  | Heated Mirror Element Supply Voltage                  |
| 13-18 | —          | —    | Not Used                                              |
| 19    | 0.35 BN    | 1046 | Class 2 Serial Data                                   |
| 20    | 2 RD/WH    | 1440 | Battery Positive Voltage                              |
| 21    | 0.5 BN     | 5131 | Door Lock Actuator Deadbolt Control Lock (UA2)        |
| 22    | 0.5 D-GN   | 5664 | Door Lock Actuator Deadbolt Control Unlock (UA2)      |
| 23    | 0.35 GY    | 1359 | LCD Backlighting Lamp Control                         |
| 24    | 0.35 PU/WH | 5965 | Driver Door Lock Indicator Voltage                    |
| 25    | 0.35 D-BU  | 5882 | Left Front Exterior Door Handle Switch Signal         |
| 26    | 0.35 BN    | 5881 | Left Front Interior Door Handle Switch Signal         |
| 27-28 | —          | —    | Not Used                                              |
| 29    | 0.35 TN    | 782  | Low Reference (DD0)                                   |

## Door Control Module - Passenger - Door Control Module - Passenger

Door Control Module - Passenger



 [Click here for full size](#)

### Connector Part Information

- OEM: 1241594-1
- Service: 88953333
- Description: 29-Way F Micro Timer II Junior Power Timer (BK)

### Terminal Part Information

- Pins: 2, 4-8, 11-16, 19, 21, 22, 24-26, 29
- Terminal/Tray: 4-969005-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-560/J-35616-33 (YE)
- Pins: 10, 20
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

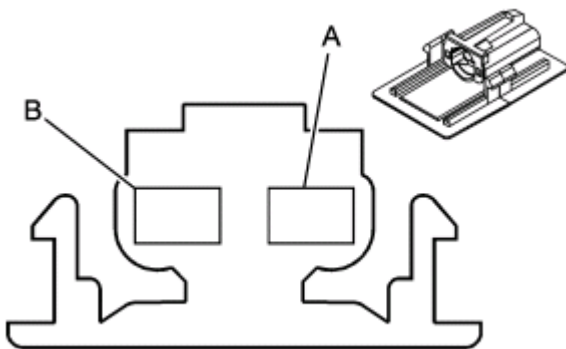
### Door Control Module - Passenger

| Pin | Wire            | Circuit | Function                                              |
|-----|-----------------|---------|-------------------------------------------------------|
| 1   | —               | —       | Not Used                                              |
| 2   | 0.35 OG         | 267     | Heated Mirror Element Supply Voltage                  |
| 3   | —               | —       | Not Used                                              |
| 4   | 0.35 GY         | 1359    | LCD Backlighting Lamp Control                         |
| 5   | 0.35<br>L-BU/BK | 785     | Passenger Mirror Horizontal Position<br>Sensor Signal |
| 6   | 0.35 BN         | 787     | Passenger Mirror Vertical Position Sensor<br>Signal   |
| 7   | 0.35 TN         | 1300    | Power Window Motor Front Passenger Up<br>Signal       |
| 8   | 0.35 GY         | 1136    | Power Window Motor Front Passenger Down<br>Signal     |
| 9   | —               | —       | Not Used                                              |
| 10  | 2 BK            | 1550    | Ground                                                |
| 11  | 0.35 GY         | 90      | Passenger Mirror Motor Left Control                   |
| 12  | 0.35 L-GN       | 89      | Passenger Mirror Motor Down Control                   |
| 13  | 0.35 BN/WH      | 1498    | Passenger Mirror Motor Up Control                     |
| 14  | 0.35 L-BU       | 244     | Passenger Door Lock Switch Lock Control               |
| 15  | 0.35 D-BU       | 245     | Passenger Door Lock Switch Unlock Control             |
| 16  | 0.35 PU         | 2765    | Power Window Switch Right Front Express<br>Signal     |

|       |            |      |                                                |
|-------|------------|------|------------------------------------------------|
| 17-18 | —          | —    | Not Used                                       |
| 19    | 0.35 TN    | 1047 | PDM Class 2 Serial Data                        |
| 20    | 2 RD/WH    | 1440 | Battery Positive Voltage                       |
| 21    | 0.35 OG/WH | 881  | Passenger Mirror Motor Right Control           |
| 22    | 0.35 GY    | 788  | 5V                                             |
| 23    | —          | —    | Not Used                                       |
| 24    | 0.35 PU/WH | 5967 | Passenger Door Lock Indicator Voltage          |
| 25    | 0.35 PK    | 5879 | Right Front Exterior Door Handle Switch Signal |
| 26    | 0.35 GY    | 5878 | Right Front Interior Door Handle Switch Signal |
| 27-28 | —          | —    | Not Used                                       |
| 29    | 0.35 TN    | 782  | Low Reference                                  |

## Door Courtesy Lamp - Driver - Door Courtesy Lamp - Driver

Door Courtesy Lamp - Driver



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### Connector Part Information

- OEM: 12162223
- Service: 12166036
- Description: 2-Way F Lamp Socket Wedge Base Series (CL)

### Terminal Part Information

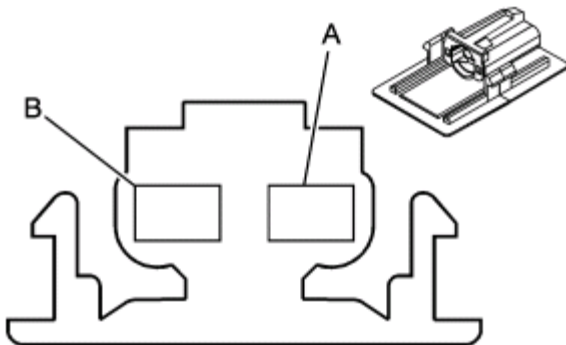
- Terminal/Tray: Service With Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: N/A

## Door Courtesy Lamp - Driver

| Pin | Wire    | Circuit | Function                      |
|-----|---------|---------|-------------------------------|
| A   | 0.5 OG  | 1732    | Courtesy Lamps Supply Voltage |
| B   | 0.35 WH | 156     | Courtesy Lamp Low Control     |

## Door Courtesy Lamp - Passenger - Door Courtesy Lamp - Passenger

Door Courtesy Lamp - Passenger



[Click here for full size](#)

### Connector Part Information

- OEM: 12162223
- Service: 12166036
- Description: 2-Way F Lamp Socket Wedge Base Series (CL)

### Terminal Part Information

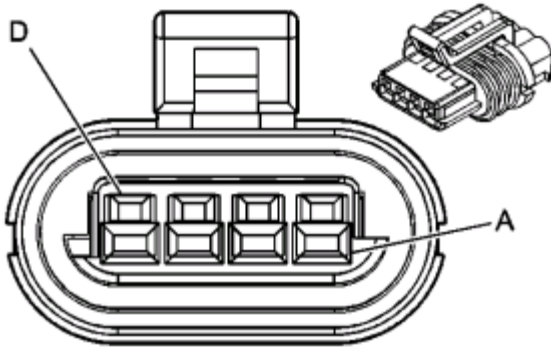
- Terminal/Tray: Service With Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: N/A

## Door Courtesy Lamp - Passenger

| Pin | Wire    | Circuit | Function                      |
|-----|---------|---------|-------------------------------|
| A   | 0.5 OG  | 1732    | Courtesy Lamps Supply Voltage |
| B   | 0.35 WH | 156     | Courtesy Lamp Low Control     |

## Door Handle Switch - Driver Exterior - Door Handle Switch - Driver Exterior

## Door Handle Switch - Driver Exterior



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### Connector Part Information

- OEM: 15354716
- Service: 19115673
- Description: 4-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

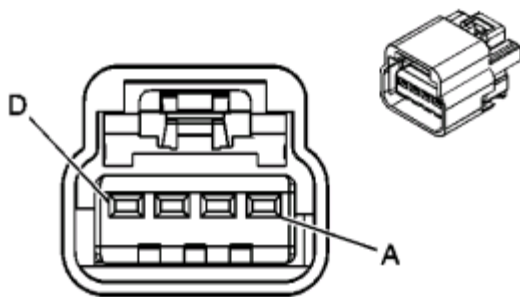
- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

## Door Handle Switch - Driver Exterior

| Pin | Wire            | Circuit | Function                                         |
|-----|-----------------|---------|--------------------------------------------------|
| A   | 0.35<br>L-GN/BK | 394     | Left Front Exterior Door Handle Switch<br>Signal |
| B   | —               | —       | Not Used                                         |
| C   | 0.35 BK         | 1450    | Ground                                           |
| D   | 0.35 D-BU       | 5882    | Left Front Exterior Door Handle Switch<br>Signal |

## Door Handle Switch - Driver Interior - Door Handle Switch - Driver Interior

Door Handle Switch - Driver Interior



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15332135
- Service: 15306414
- Description: 4-Way F GT 150 Series (BK)

#### Terminal Part Information

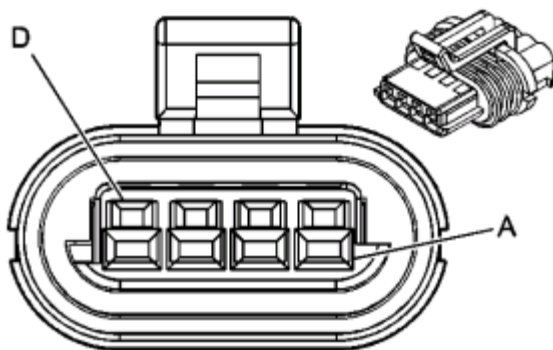
- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Door Handle Switch - Driver Interior

| Pin | Wire    | Circuit | Function                                      |
|-----|---------|---------|-----------------------------------------------|
| A   | 0.35 BK | 1450    | Ground                                        |
| B   | 0.35 OG | 5880    | Left Front Interior Door Handle Switch Signal |
| C   | 0.35 BN | 5881    | Left Front Interior Door Handle Switch Signal |
| D   | 0.35 GY | 1359    | LCD Backlighting Lamp Control                 |

#### Door Handle Switch - Passenger Exterior - Door Handle Switch - Passenger Exterior

Door Handle Switch - Passenger Exterior



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#### Connector Part Information

- OEM: 15354716
- Service: 19115673
- Description: 4-Way F GT 150 Series, Sealed (BK)

#### Terminal Part Information

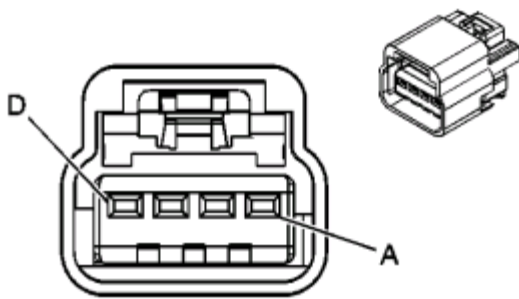
- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Door Handle Switch - Passenger Exterior

| Pin | Wire      | Circuit | Function                                       |
|-----|-----------|---------|------------------------------------------------|
| A   | 0.35 L-BU | 395     | Right Front Exterior Door Handle Switch Signal |
| B   | —         | —       | Not Used                                       |
| C   | 0.35 BK   | 1550    | Ground                                         |
| D   | 0.35 PK   | 5879    | Right Front Exterior Door Handle Switch Signal |

#### Door Handle Switch - Passenger Interior - Door Handle Switch - Passenger Interior

Door Handle Switch - Passenger Interior



 [Click here for full size](#)

#### 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)

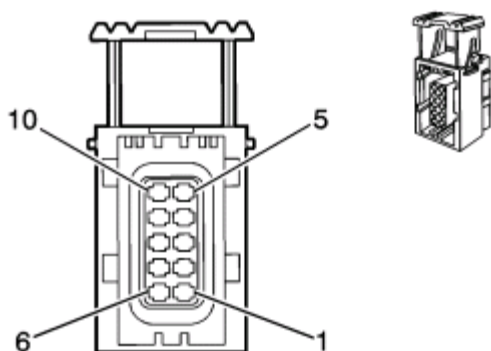
#### Door Handle Switch - Passenger Interior

| Pin | Wire    | Circuit | Function                                       |
|-----|---------|---------|------------------------------------------------|
| A   | 0.35 BK | 1550    | Ground                                         |
| B   | 0.35 PU | 5877    | Right Front Interior Door Handle Switch Signal |
| C   | 0.35 GY | 5878    | Right Front Interior Door Handle Switch Signal |
| D   | 0.35 GY | 1359    | LCD Backlighting Lamp Control                  |

#### Door Latch - Driver - Door Latch - Driver

Door Latch - Driver





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### Connector Part Information

- OEM: 6-1355688-1
- Service: 88986248
- Description: 10-Way F Sealed (BK)

### Terminal Part Information

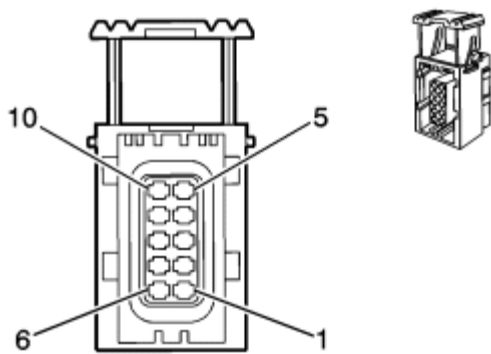
- Terminal/Tray: 4-969005-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-560/J-35616-33 (YE)

### Door Latch - Driver

| Pin  | Wire        | Circuit | Function                           |
|------|-------------|---------|------------------------------------|
| 1    | 0.5 BN      | 5131    | Deadbolt Lock Control (UA2)        |
| 2    | 0.5 D-GN    | 5664    | Deadbolt Unlock Control (UA2)      |
| 3    | 0.8 TN      | 694     | Driver Door Latch Control          |
| 4    | 0.8 L-GN/BK | 5703    | Driver Door Latch Enable Control   |
| 5    | —           | —       | Not Used                           |
| 6    | 0.35 GY/BK  | 745     | Left Front Door Ajar Switch Signal |
| 7    | 0.35 TN     | 126     | Left Front Door Open Switch Signal |
| 8    | 0.5 BK      | 1150    | Ground                             |
| 9-10 | —           | —       | Not Used                           |

### Door Latch - Passenger - Door Latch - Passenger

Door Latch - Passenger



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### Connector Part Information

- OEM: 6-1355688-1
- Service: 88986248
- Description: 10-Way F Sealed (BK)

### Terminal Part Information

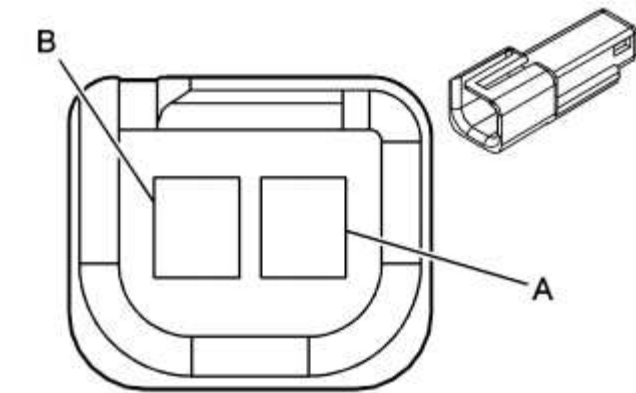
- Terminal/Tray: 964274-2/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-560/J-35616-33 (YE)

### Door Latch - Passenger

| Pin | Wire       | Circuit | Function                                  |
|-----|------------|---------|-------------------------------------------|
| 1   | 0.35 TN/WH | 746     | Right Front Door Ajar Switch Signal       |
| 2   | 0.35 L-GN  | 1177    | Right Front Door Open Switch Signal       |
| 3   | 0.35 BK    | 750     | Ground                                    |
| 4-5 | —          | —       | Not Used                                  |
| 6   | 0.5 BN     | 5131    | Deadbolt Lock Control (UA2)               |
| 7   | 0.5 D-GN   | 5664    | Deadbolt Unlock Control (UA2)             |
| 8   | 0.8 TN     | 294     | Front Passenger Door Latch Control        |
| 9   | 0.8 D-BU   | 5876    | Front Passenger Door Latch Enable Control |
| 10  | —          | —       | Not Used                                  |

### Door Lock Indicator - Driver - Door Lock Indicator - Driver

Door Lock Indicator - Driver



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#### Connector Part Information

- OEM: 12047663
- Service: 12058709
- Description: 2-Way M Metri-Pack 150 Series (BK)

#### Terminal Part Information

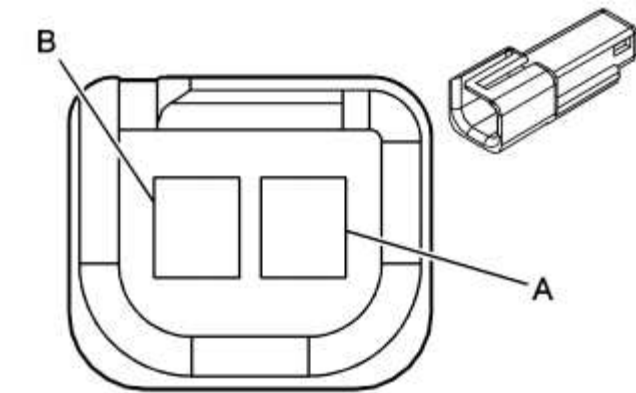
- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

#### Door Lock Indicator - Driver

| Pin | Wire       | Circuit | Function                           |
|-----|------------|---------|------------------------------------|
| A   | 0.35 PU/WH | 5965    | Driver Door Lock Indicator Voltage |
| B   | 0.35 BK    | 1450    | Ground                             |

#### Door Lock Indicator - Passenger - Door Lock Indicator - Passenger

Door Lock Indicator - Passenger



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#### Connector Part Information

- OEM: 12047663
- Service: 12058709
- Description: 2-Way M Metri-Pack 150 Series (BK)

#### Terminal Part Information

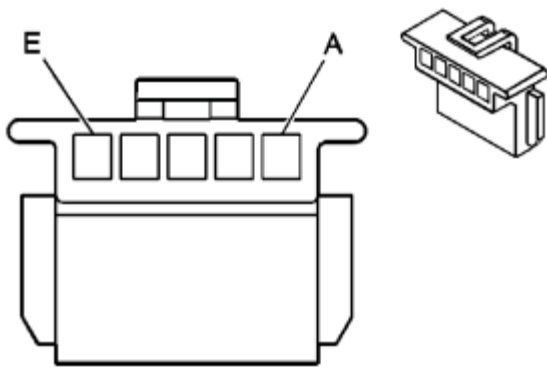
- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

#### Door Lock Indicator - Passenger

| Pin | Wire       | Circuit | Function                              |
|-----|------------|---------|---------------------------------------|
| A   | 0.35 PU/WH | 5967    | Passenger Door Lock Indicator Voltage |
| B   | 0.35 BK    | 1550    | Ground                                |

#### Door Lock Switch - Driver - Door Lock Switch - Driver

Door Lock Switch - Driver



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#### Connector Part Information

- OEM: 12124997
- Service: 12167130
- Description: 5-Way F Micro-Pack 100 Series (BK)

#### Terminal Part Information

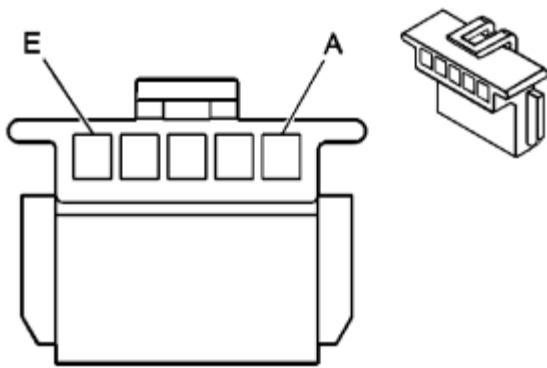
- Terminal/Tray: 12103359/18
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Door Lock Switch - Driver

| Pin | Wire       | Circuit | Function                              |
|-----|------------|---------|---------------------------------------|
| A   | 0.35 GY    | 1359    | LCD Backlighting Lamp Control         |
| B   | —          | —       | Not Used                              |
| C   | 0.35 BK    | 1450    | Ground                                |
| D   | 0.35 OG/BK | 780     | Driver Door Lock Switch Lock Signal   |
| E   | 0.35 OG/BK | 781     | Driver Door Lock Switch Unlock Signal |

#### Door Lock Switch - Passenger - Door Lock Switch - Passenger

Door Lock Switch - Passenger



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#### Connector Part Information

- OEM: 12124997
- Service: 12167130
- Description: 5-Way F Micro-Pack 100 Series (BK)

#### Terminal Part Information

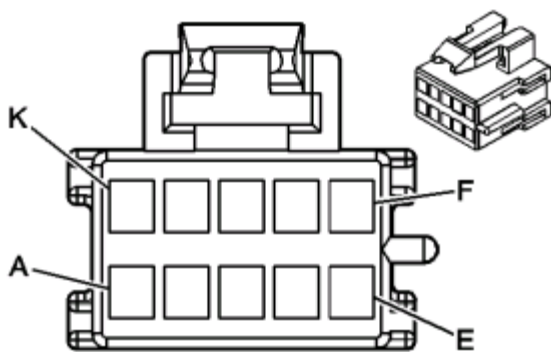
- Terminal/Tray: 12103359/18
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Door Lock Switch - Passenger

| Pin | Wire      | Circuit | Function                                 |
|-----|-----------|---------|------------------------------------------|
| A   | 0.35 GY   | 1359    | LCD Backlighting Lamp Control            |
| B   | —         | —       | Not Used                                 |
| C   | 0.35 BK   | 1550    | Ground                                   |
| D   | 0.35 L-BU | 244     | Passenger Door Lock Switch Lock Signal   |
| E   | 0.35 D-BU | 245     | Passenger Door Lock Switch Unlock Signal |

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

Driver Information Center (DIC) Switch



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### Connector Part Information

- OEM: 12064871
- Service: 12101832
- Description: 10-Way F Metri-Pack 150 Series (BU)

### Terminal Part Information

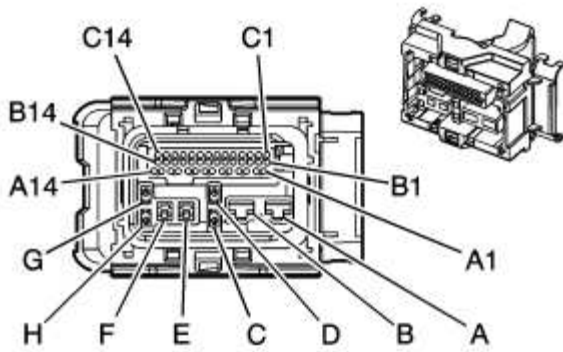
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Driver Information Center (DIC) Switch

| Pin | Wire         | Circuit | Function                                        |
|-----|--------------|---------|-------------------------------------------------|
| A-B | —            | —       | Not Used                                        |
| C   | 0.35 PU      | —       | Driver Information Center Fuel Switch Signal    |
| D   | —            | —       | Not Used                                        |
| E   | 0.35 OG      | —       | Instrument Panel Lamps Supply Voltage           |
| F   | 0.35 YE      | —       | Ground                                          |
| G   | 0.35<br>D-BU | —       | Driver Information Center Reset Switch Signal   |
| H   | 0.35<br>D-GN | —       | Driver Information Center Gauges Switch Signal  |
| J   | 0.35 WH      | —       | Driver Information Center Trip Switch Signal    |
| K   | 0.35 BN      | —       | Driver Information Center Options Switch Signal |

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

## Electronic Brake Control Module (EBCM)



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### Connector Part Information

- OEM: 15410622
- Service: 88953397
- Description: 50-Way F Micro-Pack 100 Series (BK)

### Terminal Part Information

- Pins: A1-A8, B9-B14, C6-C10
- Terminal/Tray: 15359541/4
- Core/Insulation Crimp: M/M
- Release Tool/Test Probe: 15381651-2/J-35616-64B (L-BU)
- Pins: A, B
- Terminal/Tray: 15305232/23
- Core/Insulation Crimp: B/3
- Release Tool/Test Probe: J-38125-11A/J-35616-42 (RD)
- Pins: E, F
- Terminal/Tray: 15304719/19
- Core/Insulation Crimp: 2/5
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: C, G, H
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: Pins C - E/A
- Core/Insulation Crimp: Pins G, H - 2/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

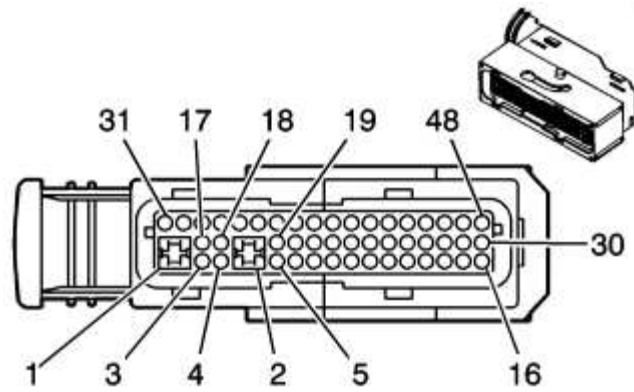
## Electronic Brake Control Module (EBCM)



| Pin     | Wire            | Circuit | Function                                         |
|---------|-----------------|---------|--------------------------------------------------|
| A1      | 0.35 L-BU       | 830     | Wheel Speed Sensor Signal Left Front             |
| A2      | 0.35 YE         | 873     | Low Reference                                    |
| A3      | 0.35 D-GN       | 872     | Wheel Speed Sensor Signal Right Front            |
| A4      | 0.35 TN         | 833     | Low Reference                                    |
| A5      | 0.35 TN         | 884     | Wheel Speed Sensor Signal Left Rear              |
| A6      | 0.35 OG         | 885     | Low Reference                                    |
| A7      | 0.35 BN         | 882     | Wheel Speed Sensor Signal Right Rear             |
| A8      | 0.35 WH         | 883     | Low Reference                                    |
| A9-A14  | —               | —       | Not Used                                         |
| A       | 5 RD/BK         | 1442    | Battery Positive Voltage                         |
| B1-B8   | —               | —       | Not Used                                         |
| B9      | 0.35 TN         | 2501    | High Speed GMLAN Serial Data (-)                 |
| B10     | 0.35 TN         | 2501    | High Speed GMLAN Serial Data (-)                 |
| B11     | 0.35 TN/BK      | 2500    | High Speed GMLAN Serial Data (+)                 |
| B12     | 0.35 TN/BK      | 2500    | High Speed GMLAN Serial Data (+)                 |
| B13     | 0.35 L-BU       | 2088    | Low Reference                                    |
| B14     | 0.35 D-GN       | 2087    | 5V                                               |
| B       | 5 RD/BK         | 1442    | Battery Positive Voltage                         |
| C1-C5   | —               | —       | Not Used                                         |
| C6      | 0.35 L-BU       | 1764    | Steering Wheel Position Signal B                 |
| C7      | 0.35 L-GN       | 1763    | Steering Wheel Position Signal A                 |
| C8      | 0.35 D-BU       | 716     | Yaw Rate Sensor Signal                           |
| C9      | 0.35<br>L-GN/BK | 1338    | Lateral Accelerometer Signal                     |
| C10     | 0.35 PU         | 5002    | Brake Pressure Modulator Valve                   |
| C11-C14 | —               | —       | Not Used                                         |
| C       | 0.5 PK          | 1239    | Ignition 1 Voltage                               |
| D       | —               | —       | Not Used                                         |
| E       | 3 BK/WH         | 251     | Ground                                           |
| F       | 1 BK/WH         | 251     | Ground                                           |
| G       | 1 WH            | 1294    | Variable Effort Steering Solenoid Supply Voltage |
| H       | 1 BN            | 1295    | Variable Effort Steering Solenoid Control        |

## Electronic Suspension Control (ESC) Module - Electronic Suspension Control (ESC) Module

## Electronic Suspension Control (ESC) Module



[Click here for full size](#)

## Connector Part Information

- OEM: 54210060
- Service: 89047158
- Description: 48-Way F Drad (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

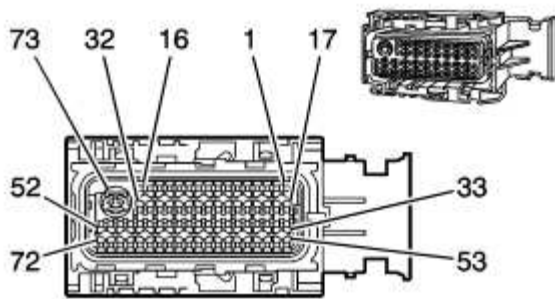
## Electronic Suspension Control (ESC) Module

| Pin  | Wire            | Circuit | Function                                      |
|------|-----------------|---------|-----------------------------------------------|
| 1    | 1 RD/WH         | 2840    | Battery Positive Voltage                      |
| 2    | 1 BK            | 1050    | Ground                                        |
| 3    | 0.8<br>L-BU/WH  | 1116    | Right Front Damper Control                    |
| 4    | 0.8<br>D-BU/WH  | 1114    | Left Rear Damper Control                      |
| 5-12 | —               | —       | Not Used                                      |
| 13   | 0.35<br>L-GN/WH | 1216    | Right Rear Suspension Position Sensor Signal  |
| 14   | 0.35<br>L-GN/WH | 1210    | Left Rear Suspension Position Sensor Signal   |
| 15   | 0.35 TN/WH      | 1213    | Right Front Suspension Position Sensor Signal |

|       |              |      |                                                          |
|-------|--------------|------|----------------------------------------------------------|
| 16    | 0.35 TN/WH   | 1207 | Left Front Suspension Position Sensor Signal             |
| 17    | 0.8 L-BU/WH  | 1107 | Left Front Damper Control                                |
| 18    | 0.8 D-BU/WH  | 1118 | Right Rear Damper Control                                |
| 19    | 0.35 PK      | 1239 | Ignition 1 Voltage                                       |
| 20    | —            | —    | Not Used                                                 |
| 21    | 0.35 TN/BK   | 2500 | High Speed GMLAN Serial Data Bus +                       |
| 22    | 0.35 TN/BK   | 2500 | High Speed GMLAN Serial Data Bus +                       |
| 23-26 | —            | —    | Not Used                                                 |
| 27    | 0.35 OG/BK   | 1214 | Right Rear Suspension Position Sensor Voltage Reference  |
| 28    | 0.35 OG/BK   | 1208 | Left Rear Suspension Position Sensor Voltage Reference   |
| 29    | 0.35 PU/WH   | 1211 | Right Front Suspension Position Sensor Voltage Reference |
| 30    | 0.35 PU/WH   | 1205 | Left Front Suspension Position Sensor Voltage Reference  |
| 31    | 0.8 GY       | 1113 | Low Reference                                            |
| 32    | 0.8 GY       | 1117 | Low Reference                                            |
| 33    | 0.8 D-GN     | 1115 | Low Reference                                            |
| 34    | 0.8 D-GN     | 1119 | Low Reference                                            |
| 35-38 | —            | —    | Not Used                                                 |
| 39    | 0.35 TN      | 2501 | High Speed GMLAN Serial Data Bus -                       |
| 40    | 0.35 TN      | 2501 | High Speed GMLAN Serial Data Bus -                       |
| 41-44 | —            | —    | Not Used                                                 |
| 45    | 0.35 L-GN/BK | 1215 | Low Reference                                            |
| 46    | 0.35 L-GN/BK | 1209 | Low Reference                                            |
| 47    | 0.35 L-BU/BK | 1212 | Low Reference                                            |
| 48    | 0.35 L-BU/BK | 1206 | Low Reference                                            |

## Engine Control Module (ECM) X1 - Engine Control Module (ECM) X1

Engine Control Module (ECM) X1



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### Connector Part Information

- OEM: 34566-1283
- Service: See Catalog
- Description: 73-Way F MX123 Harness Connector Assembly (BK)

### Terminal Part Information

- Pins: 4, 6, 9-13, 16, 18-20, 23, 24, 26-34, 36-38, 41, 47-50, 56-59, 61, 63-72
- Terminal/Tray: 33467-0003/23
- Core/Insulation Crimp: Pins 4, 10, 11, 19, 20, 47, 49, 64, 65, 66, 69 - See Terminal Repair Kit
- Core/Insulation Crimp: Pins 6, 9, 12, 13, 16, 18, 23, 24, 27-34, 36-38, 41, 48, 50, 56-59, 61, 63, 67, 68, 70-72 - H/H
- Release Tool/Test Probe: J-38125-213/J-35616-64B (L-BU)
- Pins: 73
- Terminal/Tray: 7116-4152-02/9
- Core/Insulation Crimp: 2/5
- Release Tool/Test Probe: 12094430/J-35616-35 (VT)

### Engine Control Module (ECM) X1

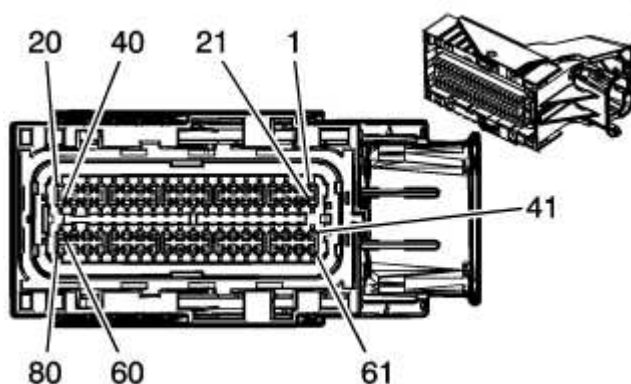
| Pin | Wire       | Circuit | Function                                    |
|-----|------------|---------|---------------------------------------------|
| 1   | 0.35 OG/BK | 1786    | Park/Neutral Signal (MYC)                   |
| 2-3 | —          | —       | Not Used                                    |
| 4   | 0.5 PU/WH  | 1035    | Starter Relay Coil Supply Voltage (MM6/MZ6) |
| 5-8 | —          | —       | Not Used                                    |
| 9   | 0.35 WH    | 17      | Stop Lamp Switch Signal                     |

|       |                 |      |                                                  |
|-------|-----------------|------|--------------------------------------------------|
| 10    | 0.5 PU/WH       | 1668 | HO2S High Signal Bank 1 Sensor 2                 |
| 11    | 0.5 TN/WH       | 1669 | HO2S Low Signal Bank 1 Sensor 2                  |
| 12    | 0.35 OG/BK      | 380  | A/C Refrigerant Pressure Sensor Signal           |
| 13    | 0.35 BK/WH      | 2751 | Low Reference                                    |
| 14-15 | —               | —    | Not Used                                         |
| 16    | 0.35 D-BU       | 1936 | Fuel Level Sensor Signal - Secondary             |
| 17    | —               | —    | Not Used                                         |
| 18    | 0.35 YE         | 43   | Accessory Voltage                                |
| 19    | 0.5 PK          | 1439 | Ignition 1 Voltage                               |
| 20    | 0.5 RD/WH       | 2440 | Battery Positive Voltage                         |
| 21-22 | —               | —    | Not Used                                         |
| 23    | 0.35 PU         | 1272 | Low Reference                                    |
| 24    | 0.35 D-GN       | 890  | Fuel Tank Pressure Sensor Signal                 |
| 25    | —               | —    | Not Used                                         |
| 26    | 0.35 D-BU       | 6306 | Clutch Pedal Position Sensor Signal              |
| 27    | 0.35 TN         | 2501 | High Speed GMLAN Serial Data Bus -               |
| 28    | 0.35 TN/BK      | 2500 | High Speed GMLAN Serial Data Bus +               |
| 29    | 0.35 D-BU       | 1161 | Accelerator Pedal Position (APP) Sensor 1 Signal |
| 30    | 0.35 BN         | 1271 | Low Reference                                    |
| 31    | 0.35 TN         | 2759 | Low Reference                                    |
| 32    | 0.35 L-BU       | 1162 | Accelerator Pedal Position (APP) Sensor 2 Signal |
| 33    | 0.35 GY         | 2709 | 5V1                                              |
| 34    | 0.35 GY         | 2700 | 5V1                                              |
| 35    | —               | —    | Not Used                                         |
| 36    | 0.35 TN         | 1274 | 5V1                                              |
| 37    | 0.35 TN         | 472  | Intake Air Temperature (IAT) Sensor Signal       |
| 38    | 0.35 TN         | 2760 | Low Reference                                    |
| 39-40 | —               | —    | Not Used                                         |
| 41    | 0.35 YE         | 492  | Mass Air Flow (MAF) Sensor Signal                |
| 42    | 0.35<br>D-GN/WH | 6294 | Low Reference                                    |
| 43-46 | —               | —    | Not Used                                         |
| 47    | 0.5 PK          | 439  | Ignition 1 Voltage                               |
| 48    | 0.35 WH         | 121  | Engine Speed Signal                              |
| 49    | 0.5 TN          | 1671 | HO2S Low Signal Bank 2 Sensor 2                  |
| 50    | 0.35<br>D-GN/WH | 465  | Fuel Pump Relay Control                          |

|    |                 |      |                                          |
|----|-----------------|------|------------------------------------------|
| 51 | —               | —    | Not Used                                 |
| 52 | 0.35 PU/WH      | 6386 | Starter Enable Relay Control             |
| 53 | —               | —    | Not Used                                 |
| 54 | 0.35 D-GN       | 6293 | Clutch Position Sensor Control           |
| 55 | —               | —    | Not Used                                 |
| 56 | 0.35 WH/BK      | 1164 | 5V2                                      |
| 57 | 0.35<br>D-GN/WH | 817  | Vehicle Speed Signal                     |
| 58 | 0.35 D-GN       | 335  | Cooling Fan Relay Control                |
| 59 | 0.35 WH/BK      | 448  | Ignition 1 Relay Control                 |
| 60 | —               | —    | Not Used                                 |
| 61 | 0.35 WH         | 1310 | EVAP Canister Vent Solenoid Control      |
| 62 | —               | —    | Not Used                                 |
| 63 | 0.35<br>D-GN/WH | 459  | A/C Compressor Clutch Relay Control      |
| 64 | 0.5 OG/WH       | 3223 | HO2S Heater Low Control Bank 2 Sensor 2  |
| 65 | 0.5 BN          | 2391 | HO2S Heater Low Control Bank 1 Sensor 2  |
| 66 | 0.5 GY          | 587  | Skip/Shift Solenoid Control (JL5)        |
| 67 | —               | —    | Not Used                                 |
| 68 | 0.35 BN/WH      | 419  | Malfunction Indicator Lamp (MIL) Control |
| 69 | 0.5 PU          | 1670 | HO2S High Signal Bank 2 Sensor 2         |
| 70 | 0.35 L-BU       | 1937 | Fuel Level Sensor Signal - Right         |
| 71 | 0.35 YE         | 400  | Vehicle Speed Sensor (VSS) High Signal   |
| 72 | 0.35 PU         | 401  | Vehicle Speed Signal (VSS) Low Signal    |
| 73 | 2 BK/WH         | 451  | Ground                                   |

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

Engine Control Module (ECM) X2



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## Connector Part Information

- OEM: 34566-4503 (LS3/LS7 with MM6/MZ6)
- OEM: 34566-4603 (LS3 with MYC)
- Service: See Catalog
- Description: 80-Way F MX123 Harness Connector Assembly (GY)

## Terminal Part Information

- Pins: 2, 3, 5, 6, 8, 11-13, 17-24, 26, 27, 29, 30, 32, 34, 35, 37-41, 43, 44, 50, 53, 56-60, 61, 63-66, 68-79
- Terminal/Tray: 33467-0003/23
- Core/Insulation Crimp: Pins 2, 3, 21-24, 26, 27, 29, 30, 32, 34, 35, 41, 43, 44, 50, 53, 58, 61, 63-66, 68, 69 - H/H
- Core/Insulation Crimp: Pins 5, 6, 8, 11-13, 17-20, 37-40, 56, 57, 59, 60, 70-79 - See Terminal Repair Kit
- Release Tool/Test Probe: J-38125-213/J-35616-64B (L-BU)

## Engine Control Module (ECM) X2

| Pin   | Wire            | Circuit | Function                                          |
|-------|-----------------|---------|---------------------------------------------------|
| 1     | —               | —       | Not Used                                          |
| 2     | 0.35 L-GN       | 1867    | 5V2                                               |
| 3     | 0.35<br>L-BU/BK | 1688    | 5V2                                               |
| 4     | —               | —       | Not Used                                          |
| 5     | 0.5 BN          | 582     | Throttle Actuator Control (TAC) Motor Control - 2 |
| 6     | 0.5 YE          | 581     | Throttle Actuator Control (TAC) Motor Control - 1 |
| 7     | —               | —       | Not Used                                          |
| 8     | 0.5 D-GN/WH     | 428     | EVAP Canister Purge Solenoid Valve Control        |
| 9-10  | —               | —       | Not Used                                          |
| 11    | 0.5 L-GN        | 1652    | Reverse Lockout Solenoid Control (MM6/MZ6)        |
| 12    | 0.5 GY/WH       | 3113    | HO2S Heater Low Control Bank 1 Sensor 1           |
| 13    | 0.5 L-GN        | 3212    | HO2S Heater Low Control Bank 2 Sensor 1           |
| 14-16 | —               | —       | Not Used                                          |
| 17    | 0.5 D-BU/WH     | 878     | Fuel Injector 8 Control                           |
| 18    | 0.5 TN/WH       | 845     | Fuel Injector 5 Control                           |

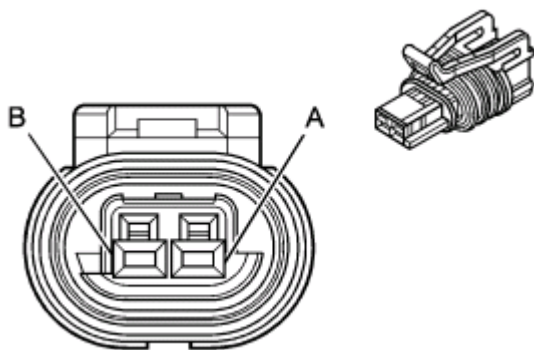
|       |             |      |                                                    |
|-------|-------------|------|----------------------------------------------------|
| 19    | 0.5 YE/BK   | 846  | Fuel Injector 6 Control                            |
| 20    | 0.5 TN      | 1744 | Fuel Injector 1 Control                            |
| 21    | 0.35 YE     | 410  | Engine Coolant Temperature Sensor Signal           |
| 22    | 0.35 TN     | 2761 | Low Reference                                      |
| 23    | 0.35 TN/WH  | 585  | Transmission Fluid Temperature (TFT) Sensor Signal |
| 24    | 0.35 OG/BK  | 586  | Low Reference (MM6/MZ6)                            |
| 25    | —           | —    | Not Used                                           |
| 26    | 0.35 D-BU   | 496  | Knock Sensor 1 Signal                              |
| 27    | 0.35 GY     | 1716 | Knock Sensor 1 Signal                              |
| 28    | —           | —    | Not Used                                           |
| 29    | 0.35 L-BU   | 1876 | Knock Sensor 2 Signal                              |
| 30    | 0.35 GY     | 2303 | Knock Sensor 2 Signal                              |
| 31    | —           | —    | Not Used                                           |
| 32    | 0.35 GY     | 23   | Generator Field Duty Cycle Signal                  |
| 33    | 0.35 BN     | 1174 | Oil Pressure Switch Signal (LS3)                   |
| 34    | 0.35 BK     | 2755 | Low Reference                                      |
| 35    | 0.35 TN/WH  | 1704 | Low Reference                                      |
| 36    | —           | —    | Not Used                                           |
| 37    | 0.5 L-GN/BK | 1745 | Fuel Injector 2 Control                            |
| 38    | 0.5 PK/BK   | 1746 | Fuel Injector 3 Control                            |
| 39    | 0.5 L-BU/BK | 844  | Fuel Injector 4 Control                            |
| 40    | 0.5 OG/BK   | 877  | Fuel Injector 7 Control                            |
| 41    | 0.35 GY     | 2705 | 5V1                                                |
| 42    | —           | —    | Not Used                                           |
| 43    | 0.5 GY      | 2704 | 5V1 (LS3)                                          |
|       | 0.35 GY     | 2704 | 5V1 (LS7)                                          |
| 44    | 0.35 OG     | 631  | 5V1                                                |
| 45-49 | —           | —    | Not Used                                           |
| 50    | 0.35 TN/WH  | 331  | Oil Pressure Sensor Signal                         |
| 51-52 | —           | —    | Not Used                                           |
| 53    | 0.5 OG/BK   | 469  | Low Reference (LS3)                                |
|       | 0.35 OG/BK  | 469  | Low Reference (LS7)                                |
| 54-55 | —           | —    | Not Used                                           |
| 56    | 0.5 TN      | 1664 | HO2S Low Signal Bank 1 Sensor 1                    |
| 57    | 0.5 PU/WH   | 1665 | HO2S High Signal Bank 1 Sensor 1                   |
| 58    | 0.35 L-GN   | 432  | Manifold Absolute Pressure (MAP) Sensor Signal     |



|    |                 |      |                                       |
|----|-----------------|------|---------------------------------------|
| 59 | 0.5 PU          | 1666 | HO2S High Signal Bank 2 Sensor 1      |
| 60 | 0.5 TN          | 1667 | HO2S Low Signal Bank 2 Sensor 1       |
| 61 | 0.35 OG         | 225  | Generator Turn On Signal              |
| 62 | —               | —    | Not Used                              |
| 63 | 0.35 PU         | 486  | Throttle Position Sensor 2 Signal     |
| 64 | 0.35 BN/WH      | 633  | Camshaft Position Sensor (CMP) Signal |
| 65 | 0.35 D-GN       | 485  | Throttle Position Sensor 1 Signal     |
| 66 | 0.35 PK/BK      | 632  | Low Reference                         |
| 67 | —               | —    | Not Used                              |
| 68 | 0.35<br>D-BU/WH | 1869 | Crankshaft Position Sensor Signal     |
| 69 | 0.35 YE/BK      | 1868 | Low Reference                         |
| 70 | 0.5 PU          | 2121 | IC 1 Control                          |
| 71 | 0.5 PU/WH       | 2128 | IC 8 Control                          |
| 72 | 0.5 OG          | 2127 | IC 7 Control                          |
| 73 | 0.5 OG/WH       | 2122 | IC 2 Control                          |
| 74 | 0.5 L-BU/WH     | 2126 | IC 6 Control                          |
| 75 | 0.5 D-GN        | 2125 | IC 5 Control                          |
| 76 | 0.5 D-GN/WH     | 2124 | IC 4 Control                          |
| 77 | 0.5 L-BU        | 2123 | IC 3 Control                          |
| 78 | 0.5 BN          | 2129 | Low Reference                         |
| 79 | 0.5 BN/WH       | 2130 | Low Reference                         |
| 80 | —               | —    | Not Used                              |

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

Engine Coolant Temperature (ECT) Sensor



 [Click here for full size](#)

**Connector Part Information**

- OEM: 15449028
- Service: 88987978
- Description: 2-Way F GT 150 Series, Sealed (BK)

**Terminal Part Information**

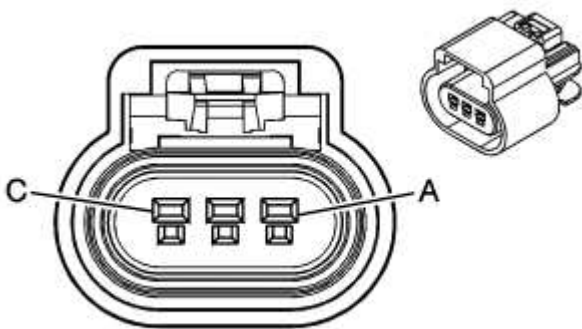
- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

**Engine Coolant Temperature (ECT) Sensor**

| Pin | Wire    | Circuit | Function                                 |
|-----|---------|---------|------------------------------------------|
| A   | 0.35 TN | 2761    | Low Reference                            |
| B   | 0.35 YE | 410     | Engine Coolant Temperature Sensor Signal |

**Engine Oil Level and Temperature Sensor (LS3) - Engine Oil Level and Temperature Sensor (LS3)**

Engine Oil Level and Temperature Sensor (LS3)



 [Click here for full size](#)

**Connector Part Information**

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

### Terminal Part Information

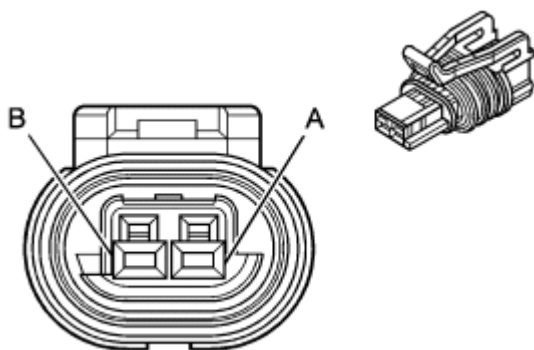
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Engine Oil Level and Temperature Sensor (LS3)

| Pin | Wire         | Circuit | Function                      |
|-----|--------------|---------|-------------------------------|
| A   | 0.35 BN      | 1174    | Oil Level Switch Signal       |
| B   | 0.35 D-GN/WH | 357     | Oil Temperature Sensor Signal |
| C   | 0.35 TN      | 470     | Low Reference                 |

### Engine Oil Temperature Sensor (LS7) - Engine Oil Temperature Sensor (LS7)

Engine Oil Temperature Sensor (LS7)



 [Click here for full size](#)

### Connector Part Information

- OEM: 15449028
- Service: 88987978
- Description: 2-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

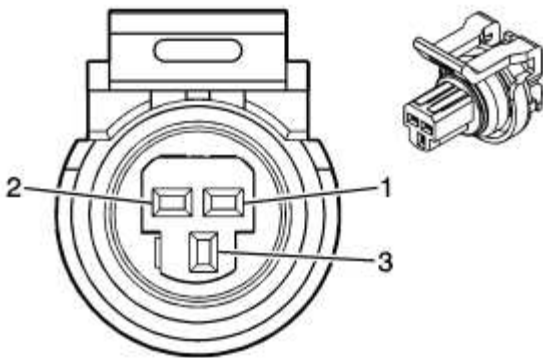
- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

## Engine Oil Temperature Sensor (LS7)

| Pin | Wire         | Circuit | Function                      |
|-----|--------------|---------|-------------------------------|
| A   | 0.35 TN      | 470     | Low Reference                 |
| B   | 0.35 D-GN/WH | 357     | Oil Temperature Sensor Signal |

## Engine Oil Pressure (EOP) Sensor - Engine Oil Pressure (EOP) Sensor

Engine Oil Pressure (EOP) Sensor



 [Click here for full size](#)

### Connector Part Information

- OEM: 13532244
- Service: 88988144
- Description: 3-Way F GT 150 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

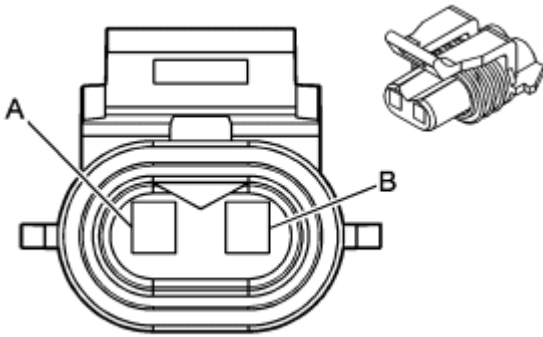
## Engine Oil Pressure (EOP) Sensor

| Pin | Wire       | Circuit | Function                   |
|-----|------------|---------|----------------------------|
| 1   | 0.35 BK    | 2755    | Low Reference              |
| 2   | 0.35 GY    | 2705    | 5V1                        |
| 3   | 0.35 TN/WH | 331     | Oil Pressure Sensor Signal |

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

## Evaporative Emission (EVAP) Canister Purge Solenoid Valve

Evaporative Emission (EVAP) Canister Purge Solenoid Valve



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### Connector Part Information

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

### Terminal Part Information

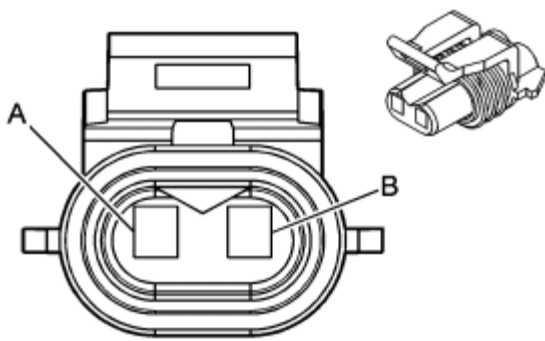
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

## Evaporative Emission (EVAP) Canister Purge Solenoid Valve

| Pin | Wire        | Circuit | Function                             |
|-----|-------------|---------|--------------------------------------|
| A   | 0.5 PK      | 539     | Ignition 1 Voltage                   |
| B   | 0.5 D-GN/WH | 428     | EVAP Canister Purge Solenoid Control |

## Evaporative Emission (EVAP) Canister Vent Solenoid Valve - Evaporative Emission (EVAP) Canister Vent Solenoid Valve

Evaporative Emission (EVAP) Canister Vent Solenoid Valve



 [Click here for full size](#)

#### Connector Part Information

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

#### Terminal Part Information

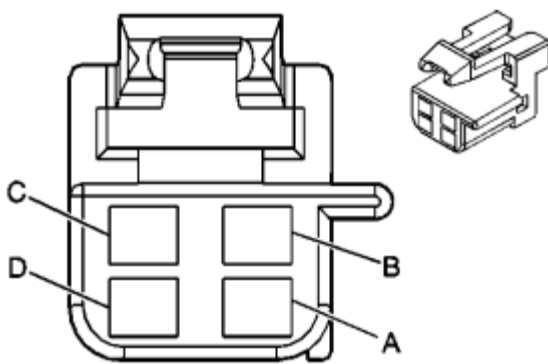
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: Pins A - 2/1
- Core/Insulation Crimp: Pins B - E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Evaporative Emission (EVAP) Canister Vent Solenoid Valve

| Pin | Wire    | Circuit | Function                            |
|-----|---------|---------|-------------------------------------|
| A   | 1 RD/WH | 2840    | Battery Positive Voltage            |
| B   | 0.35 WH | 1310    | EVAP Canister Vent Solenoid Control |

#### Exhaust Tail Pipe Flow Valve Control Module X1 (LS7) - Exhaust Tail Pipe Flow Valve Control Module X1 (LS7)

Exhaust Tail Pipe Flow Valve Control Module X1 (LS7)



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#### Connector Part Information

- OEM: 12064760
- Service: 12085208
- Description: 4-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

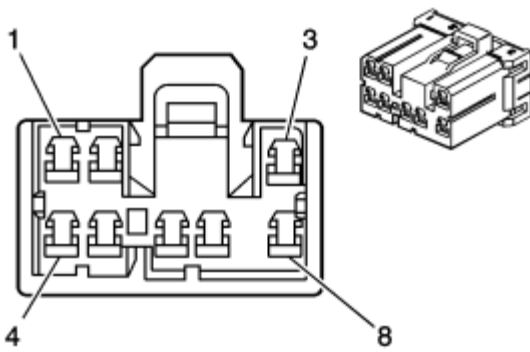
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Exhaust Tail Pipe Flow Valve Control Module X1 (LS7)

| Pin | Wire      | Circuit | Function                             |
|-----|-----------|---------|--------------------------------------|
| A-B | —         | —       | Not Used                             |
| C   | 0.5 TN/WH | 1962    | Engine Brake Solenoid Supply Voltage |
| D   | —         | —       | Not Used                             |

#### Exhaust Tail Pipe Flow Valve Control Module X2 (LS7) - Exhaust Tail Pipe Flow Valve Control Module X2 (LS7)

Exhaust Tail Pipe Flow Valve Control Module X2 (LS7)



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### Connector Part Information

- OEM: 173850-1
- Service: 88953352
- Description: 8-Way F 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)

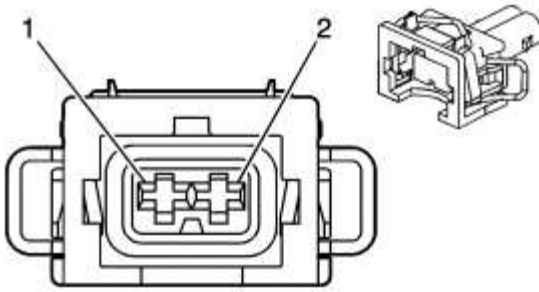
### Exhaust Tail Pipe Flow Valve Control Module X2 (LS7)

| Pin | Wire      | Circuit | Function                 |
|-----|-----------|---------|--------------------------|
| 1   | —         | —       | Not Used                 |
| 2   | 0.5 RD/WH | 1340    | Battery Positive Voltage |
| 3   | —         | —       | Not Used                 |
| 4   | 0.5 BK    | 750     | Ground                   |
| 5-6 | —         | —       | Not Used                 |
| 7   | 0.35 TN   | 5072    | Class 2 Serial Data      |
| 8   | —         | —       | Not Used                 |

### Exhaust Tail Pipe Flow Control Valve Solenoid (LS7) - Exhaust Tail Pipe Flow Control Valve Solenoid (LS7)

Exhaust Tail Pipe Flow Control Valve Solenoid (LS7)





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#### Connector Part Information

- OEM: 808980
- Service: 89046833
- Description: 2-Way F Mini-Timer Series (BK)

#### Terminal Part Information

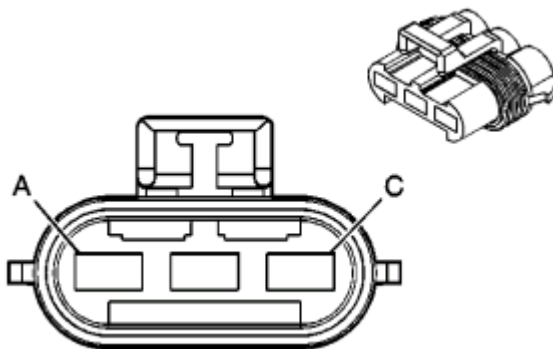
- Terminal/Tray: 60012941/21
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 12122378/J-35616-4A (PU)

#### Exhaust Tail Pipe Flow Control Valve Solenoid (LS7)

| Pin | Wire      | Circuit | Function                             |
|-----|-----------|---------|--------------------------------------|
| 1   | 0.5 BK    | 750     | Ground                               |
| 2   | 0.5 TN/WH | 1962    | Engine Brake Solenoid Supply Voltage |

#### Fan Control Module - Fan Control Module

Fan Control Module



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### Connector Part Information

- OEM: 12124685
- Service: See Catalog
- Description: 3-Way F Metri-Pack 630 Series, Sealed (BK)

### Terminal Part Information

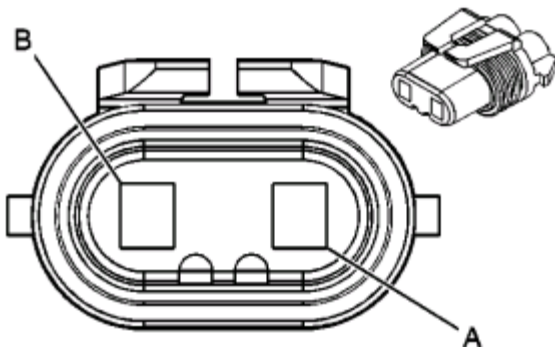
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Fan Control Module

| Pin | Wire     | Circuit | Function                  |
|-----|----------|---------|---------------------------|
| A   | 0.5 D-BU | 335     | Cooling Fan Speed Control |
| B   | 5 BK     | 1250    | Ground                    |
| C   | 5 RD/BK  | 342     | Battery Positive Voltage  |

### Fog Lamp - Left Front - Fog Lamp - Left Front

Fog Lamp - Left Front



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### Connector Part Information

- OEM: 12059183
- Service: 12101898
- Description: 2-Way F Metri-Pack 280 Series, Sealed (BK)

### Terminal Part Information

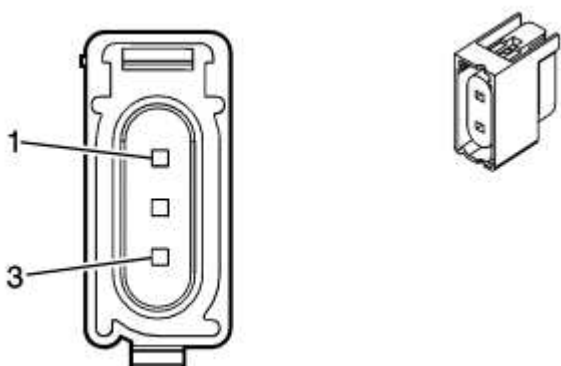
- Terminal/Tray: 12077411/2
- Core/Insulation Crimp: 2/5
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)

### Fog Lamp - Left Front

| Pin | Wire    | Circuit | Function                 |
|-----|---------|---------|--------------------------|
| A   | 0.5 PU  | 34      | Fog Lamps Supply Voltage |
| B   | 0.35 BK | 1350    | Ground                   |

### Fog Lamp - Left Rear (T79) - Fog Lamp - Left Rear (T79)

Fog Lamp - Left Rear (T79)



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### Connector Part Information

- OEM: ZFI-00700-UA
- Service: See Catalog
- Description: 3-Way F Low Profile 2-Wire Connector Assembly (GY)

### Terminal Part Information

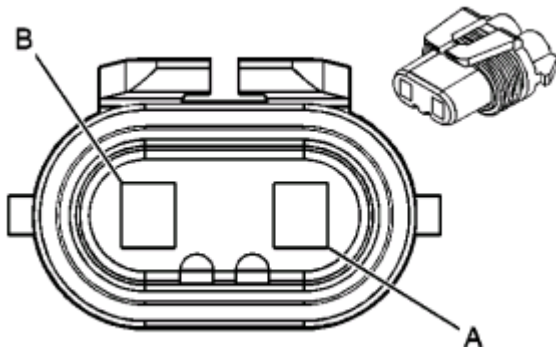
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

### Fog Lamp - Left Rear (T79)

| Pin | Wire   | Circuit | Function                     |
|-----|--------|---------|------------------------------|
| 1   | 0.5 BK | 750     | Ground                       |
| 2   | —      | —       | Not Available                |
| 3   | 0.5 OG | 122     | Rear Fog Lamp Supply Voltage |

## Fog Lamp - Right Front - Fog Lamp - Right Front

Fog Lamp - Right Front



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### Connector Part Information

- OEM: 12059183
- Service: 12101898
- Description: 2-Way F Metri-Pack 280 Series, Sealed (BK)

### Terminal Part Information

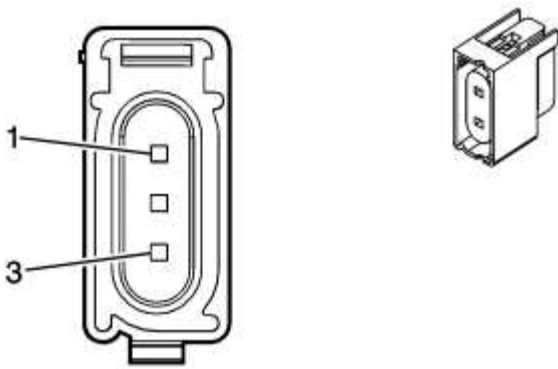
- Terminal/Tray: 12077411/2
- Core/Insulation Crimp: 2/5
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)

## Fog Lamp - Right Front

| Pin | Wire    | Circuit | Function                 |
|-----|---------|---------|--------------------------|
| A   | 0.5 PU  | 34      | Fog Lamps Supply Voltage |
| B   | 0.35 BK | 1250    | Ground                   |

## Fog Lamp - Right Rear (T79) - Fog Lamp - Right Rear (T79)

Fog Lamp - Right Rear (T79)



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#### Connector Part Information

- OEM: ZFI-00700-UA
- Service: See Catalog
- Description: 3-Way F Low Profile 2-Wire Connector Assembly (GY)

#### Terminal Part Information

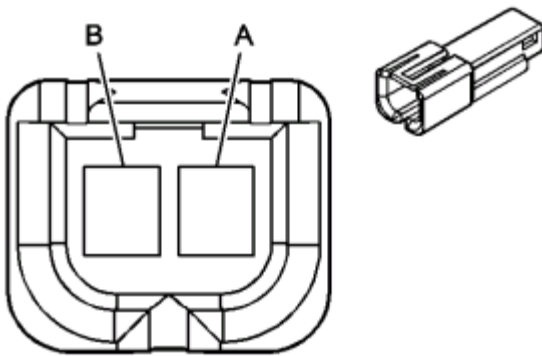
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

#### Fog Lamp - Right Rear (T79)

| Pin | Wire   | Circuit | Function                     |
|-----|--------|---------|------------------------------|
| 1   | 0.5 BK | 750     | Ground                       |
| 2   | —      | —       | Not Available                |
| 3   | 0.5 OG | 122     | Rear Fog Lamp Supply Voltage |

#### Folding Top 5-Bow Lowered Switch (CM7) - Folding Top 5-Bow Lowered Switch (CM7)

Folding Top 5-Bow Lowered Switch (CM7)



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#### Connector Part Information

- OEM: 12059254
- Service: 12126020
- Description: 2-Way M Metri-Pack 150 Series (GN)

#### Terminal Part Information

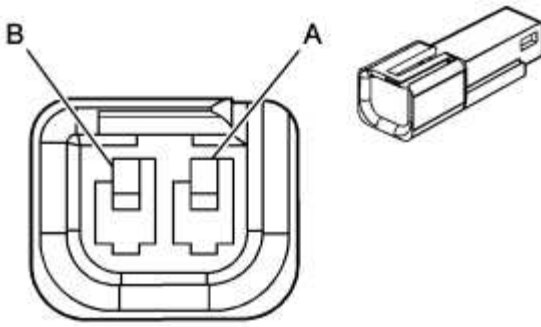
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Folding Top 5-Bow Lowered Switch (CM7)

| Pin | Wire      | Circuit | Function                   |
|-----|-----------|---------|----------------------------|
| A   | 0.35 WH   | 5937    | Header Latch Switch Signal |
| B   | 0.35 D-GN | 1399    | Accessory Voltage          |

#### Folding Top 5-Bow Raised Switch (CM7) - Folding Top 5-Bow Raised Switch (CM7)

Folding Top 5-Bow Raised Switch (CM7)



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#### Connector Part Information

- OEM: 12059252
- Service: 12102749
- Description: 2-Way M Metri-Pack 150 Series (RD)

#### Terminal Part Information

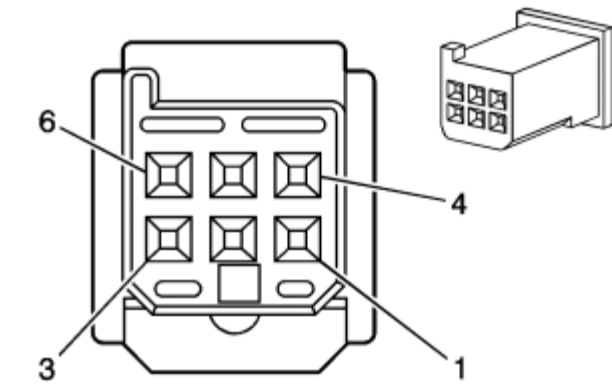
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Folding Top 5-Bow Raised Switch (CM7)

| Pin | Wire      | Circuit | Function                     |
|-----|-----------|---------|------------------------------|
| A   | 0.35 BN   | 5935    | Header Unlatch Switch Signal |
| B   | 0.35 D-GN | 1399    | Accessory Voltage            |

#### Folding Top Control Switch (CM7) - Folding Top Control Switch (CM7)

Folding Top Control Switch (CM7)



 [Click here for full size](#)

### Connector Part Information

- OEM: 1-968291-2
- Service: 88988105
- Description: 6-Way F Micro Quadlok 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)

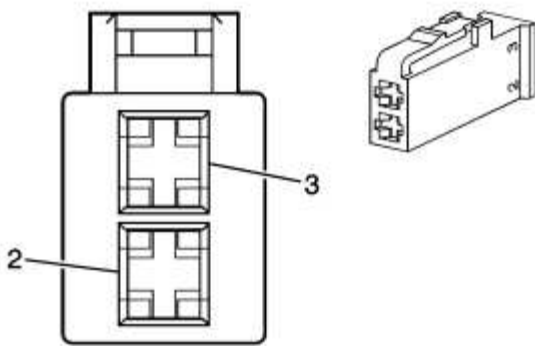
### Folding Top Control Switch (CM7)

| Pin | Wire       | Circuit | Function                                 |
|-----|------------|---------|------------------------------------------|
| 1   | —          | —       | Not Used                                 |
| 2   | 0.35 PU    | 163     | Folding Top Control Switch Open Signal   |
| 3   | 0.35 BN    | 1244    | Instrument Panel Lamp Supply Voltage (2) |
| 4   | 0.35 RD/WH | 1040    | Battery Positive Voltage                 |
| 5   | 0.35 GY    | 162     | Folding Top Control Switch Close Signal  |
| 6   | 0.35 BK    | 1450    | Ground                                   |

### Folding Top Cover Actuator X1 (CM7) - Folding Top Cover Actuator X1 (CM7)

Folding Top Cover Actuator X1 (CM7)





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#### Connector Part Information

- OEM: 1-1452054-1
- Service: 88988138
- Description: 2-Way F Micro-Timer 2 (BK)

#### Terminal Part Information

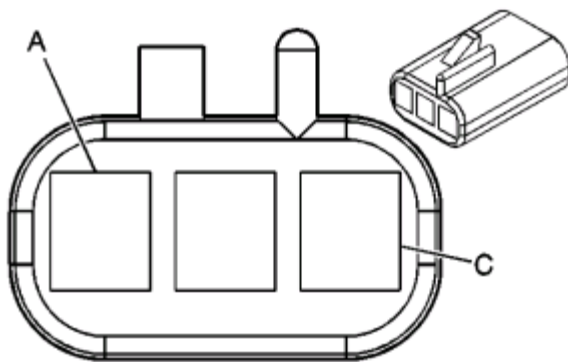
- Terminal/Tray: 962943-5/16
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: J-38125-560/J-35616-33 (YE)

#### Folding Top Cover Actuator X1 (CM7)

| Pin | Wire    | Circuit | Function                          |
|-----|---------|---------|-----------------------------------|
| 2   | 0.35 PU | 2168    | Folding Top Cover Release Control |
| 3   | 0.35 BK | 1150    | Ground                            |

#### Folding Top Cover Actuator X2 (CM7) - Folding Top Cover Actuator X2 (CM7)

Folding Top Cover Actuator X2 (CM7)



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#### Connector Part Information

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

#### Terminal Part Information

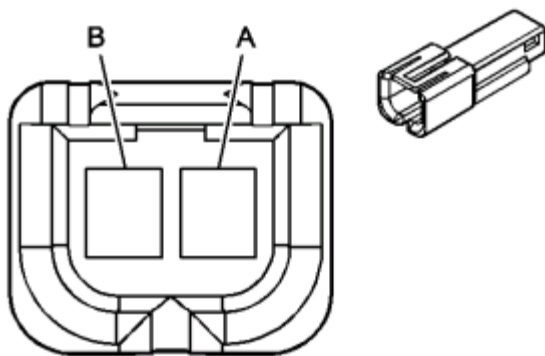
- Pins: A
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)
- Pins: B, C
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Folding Top Cover Actuator X2 (CM7)

| Pin | Wire         | Circuit | Function                                           |
|-----|--------------|---------|----------------------------------------------------|
| A   | 0.35<br>D-BU | 2167    | Folding Top Cover Ajar Signal                      |
| B   | 1 BK         | 1150    | Ground                                             |
| C   | 1 OG         | 138     | Folding Top Cover Pull Down Motor Control<br>(CM7) |

#### Folding Top Front Latch Switch (CM7) - Folding Top Front Latch Switch (CM7)

Folding Top Front Latch Switch (CM7)



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#### Connector Part Information

- OEM: 12059254
- Service: 12126020
- Description: 2-Way M Metri-Pack 150 Series (GN)

#### Terminal Part Information

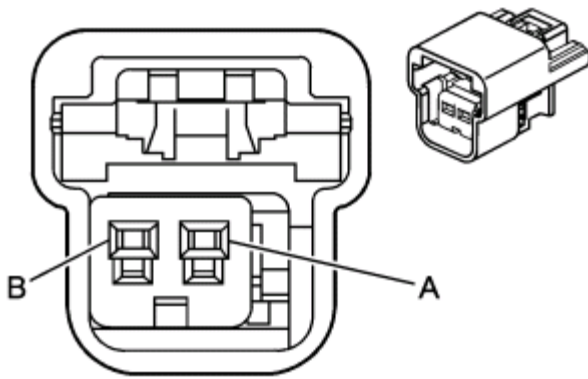
- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

#### Folding Top Front Latch Switch (CM7)

| Pin | Wire       | Circuit | Function                  |
|-----|------------|---------|---------------------------|
| A   | 0.35 GY/BK | 896     | Hard Top Connected Signal |
| B   | 0.35 D-GN  | 1399    | Accessory Voltage         |

#### Folding Top Luggage Barrier Switch (CM7) - Folding Top Luggage Barrier Switch (CM7)

Folding Top Luggage Barrier Switch (CM7)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15332129
- Service: 15306425
- Description: 2-Way F (BK)

#### Terminal Part Information

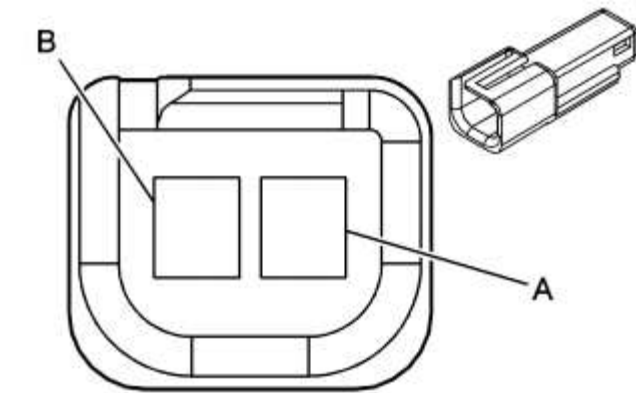
- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Folding Top Luggage Barrier Switch (CM7)

| Pin | Wire      | Circuit | Function                            |
|-----|-----------|---------|-------------------------------------|
| A   | 0.35 D-GN | 1399    | Accessory Voltage                   |
| B   | 0.35 BN   | 5745    | Luggage Barrier Limit Switch Signal |

#### Folding Top Closed Position Switch (CM7) - Folding Top Closed Position Switch (CM7)

Folding Top Closed Position Switch (CM7)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12059248
- Service: 12085481
- Description: 2-Way M Metri-Pack 150 Series (GY)

#### Terminal Part Information

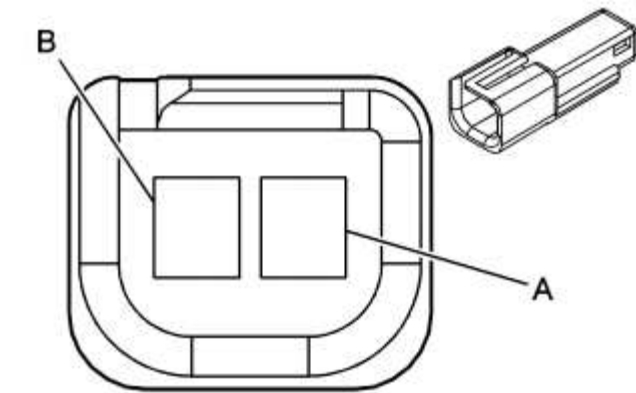
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Folding Top Closed Position Switch (CM7)

| Pin | Wire      | Circuit | Function                 |
|-----|-----------|---------|--------------------------|
| A   | 0.35 OG   | 132     | Top Closed Switch Signal |
| B   | 0.35 D-GN | 1399    | Accessory Voltage        |

#### Folding Top Open Position Switch (CM7) - Folding Top Open Position Switch (CM7)

Folding Top Open Position Switch (CM7)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12047663
- Service: 12058709
- Description: 2-Way M Metri-Pack 150 Series (BK)

#### Terminal Part Information

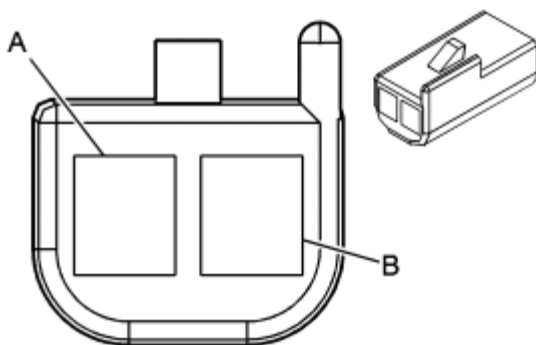
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Folding Top Open Position Switch (CM7)

| Pin | Wire      | Circuit | Function               |
|-----|-----------|---------|------------------------|
| A   | 0.35 PU   | 5936    | Top Open Switch Signal |
| B   | 0.35 D-GN | 1399    | Accessory Voltage      |

#### Folding Top Open Position Switch (CM7) - Folding Top Open Position Switch (CM7)

Folding Top Open Position Switch (CM7)



 [Click here for full size](#)

#### Connector Part Information

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

#### Terminal Part Information

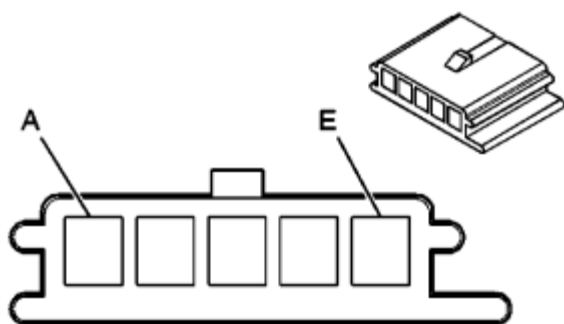
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Folding Top Open Position Switch (CM7)

| Pin | Wire      | Circuit | Function                             |
|-----|-----------|---------|--------------------------------------|
| A   | 0.35 L-GN | 5934    | Folding Top Cover Open Switch Signal |
| B   | 0.35 D-GN | 1399    | Accessory Voltage                    |

#### Folding Top Stowage Compartment Lid Latch Pulldown Actuator (CM7) - Folding Top Stowage Compartment Lid Latch Pulldown Actuator (CM7)

Folding Top Stowage Compartment Lid Latch Pulldown Actuator (CM7)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12059800
- Service: 15306169
- Description: 5-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

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

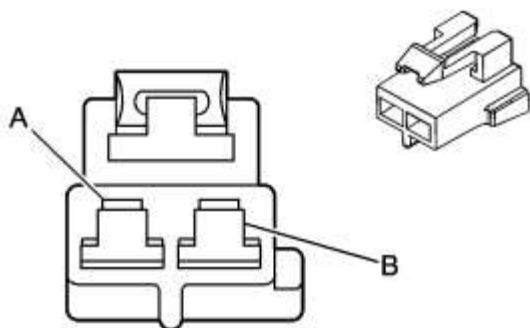
#### Folding Top Stowage Compartment Lid Latch Pulldown Actuator (CM7)

| Pin | Wire       | Circuit | Function                                  |
|-----|------------|---------|-------------------------------------------|
| A   | 1 RD/WH    | 540     | Battery Positive Voltage                  |
| B   | 1 OG       | 138     | Folding Top Cover Pull Down Motor Control |
| C   | —          | —       | Not Used                                  |
| D   | 1 BK       | 750     | Ground                                    |
| E   | 0.35 OG/BK | 737     | Ajar Supply Voltage                       |

#### Folding Top Control Module X1 (CM7) - Folding Top Control Module X1 (CM7)



### Folding Top Control Module X1 (CM7)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12064749
- Service: 12101888
- Description: 2-Way F Metri-Pack 480 Series (BK)

#### Terminal Part Information

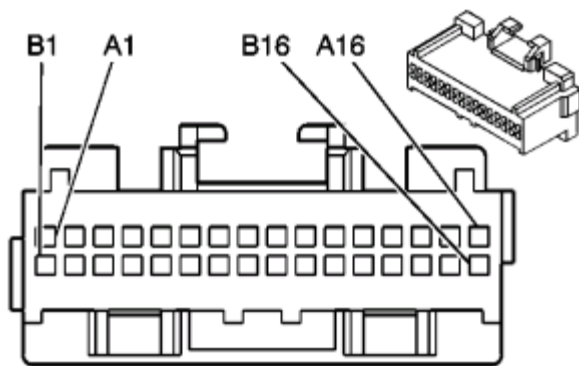
- Terminal/Tray: 12084595/2
- Core/Insulation Crimp: F/G
- Release Tool/Test Probe: 12094430/J-35616-40 (BU)

### Folding Top Control Module X1 (CM7)

| Pin | Wire    | Circuit | Function                 |
|-----|---------|---------|--------------------------|
| A   | 3 RD/BK | 642     | Battery Positive Voltage |
| B   | 3 BK    | 750     | Ground                   |

### Folding Top Control Module X2 (CM7) - Folding Top Control Module X2 (CM7)

Folding Top Control Module X2 (CM7)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12110113
- Service: 12110113
- Description: 32-Way F Micro-Pack 100 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

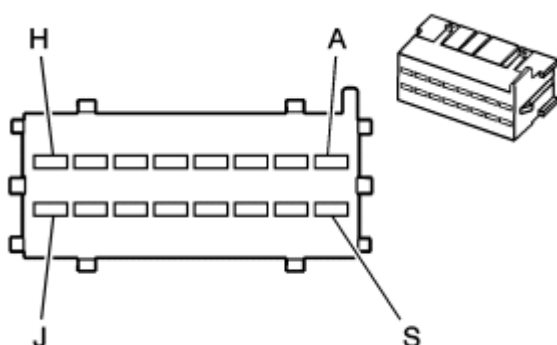
### Folding Top Control Module X2 (CM7)

| Pin     | Wire       | Circuit | Function                             |
|---------|------------|---------|--------------------------------------|
| A1-A3   | —          | —       | Not Used                             |
| A4      | 0.35 PU    | 5936    | Top Open Switch Signal               |
| A5      | 0.35 GY/BK | 896     | Folding Top Connected Signal         |
| A6      | —          | —       | Not Used                             |
| A7      | 0.35 OG    | 132     | Top Closed Switch Signal             |
| A8      | 0.35 BN    | 5935    | Header Unlatched Switch Signal       |
| A9      | 0.35 WH    | 5937    | Header Latched Switch Signal         |
| A10     | 0.35 L-GN  | 5934    | Folding Top Cover Open Switch Signal |
| A11     | —          | —       | Not Used                             |
| A12     | 0.35 BN    | 5745    | Luggage Barrier Switch Signal        |
| A13     | 0.35 GY    | 474     | 5V                                   |
| A14-A15 | —          | —       | Not Used                             |
| A16     | 0.35 TN    | 476     | Thermal Sensor Signal                |

|         |           |      |                                         |
|---------|-----------|------|-----------------------------------------|
| B1-B8   | —         | —    | Not Used                                |
| B9      | 0.35 PU   | 163  | Folding Top Control Switch Open Signal  |
| B10     | 0.35 GY   | 162  | Folding Top Control Switch Close Signal |
| B11     | 0.35 D-GN | 1399 | Accessory Voltage                       |
| B12-B13 | —         | —    | Not Used                                |
| B14     | 0.35 PU   | 5513 | Class 2 Serial Data                     |
| B15-B16 | —         | —    | Not Used                                |

## Folding Top Control Module X3 (CM7) - Folding Top Control Module X3 (CM7)

Folding Top Control Module X3 (CM7)



[Click here for full size](#)

### Connector Part Information

- OEM: 12129432
- Service: 12129432
- Description: 16-Way F Metri-Pack 280 Series, ACT (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

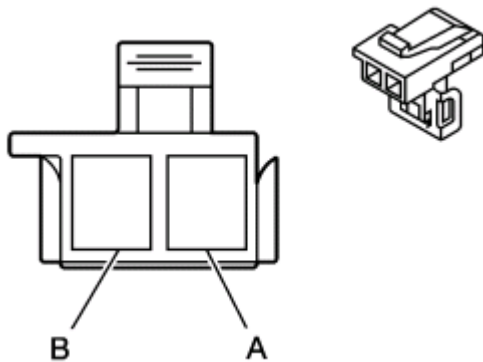
## Folding Top Control Module X3 (CM7)

| Pin | Wire   | Circuit | Function        |
|-----|--------|---------|-----------------|
| A   | 2 L-BU | 124     | Valve 1 Control |
| B-L | —      | —       | Not Used        |

|   |        |      |                  |
|---|--------|------|------------------|
| M | 3 D-BU | 5949 | Pump Direction A |
| N | 2 GY   | 2169 | Valve 3 Control  |
| P | 3 L-GN | 5948 | Pump Direction B |
| R | —      | —    | Not Used         |
| S | 2 TN   | 123  | Valve 2 Control  |

### Folding Top Release Switch (Y67 without CM7) - Folding Top Release Switch (Y67 without CM7)

Folding Top Release Switch (Y67 without CM7)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12034577
- Service: 12125621
- Description: 2-Way F Metri-Pack 280 Series (NA)

#### Terminal Part Information

- Terminal/Tray: 12034046/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)

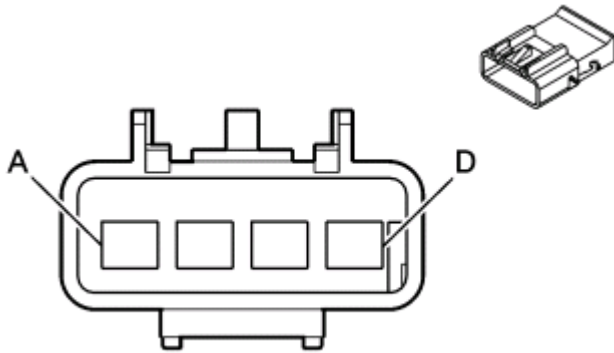
### Folding Top Release Switch (Y67 without CM7)

| Pin | Wire         | Circuit | Function                                        |
|-----|--------------|---------|-------------------------------------------------|
| A   | 0.35<br>L-GN | 2166    | Folding Top Cover Release Switch Supply Voltage |
| B   | 0.35 BK      | 1150    | Ground                                          |

### Folding Top Pump/Motor Assembly (CM7) - Folding Top

## Pump/Motor Assembly (CM7)

Folding Top Pump/Motor Assembly (CM7)



 [Click here for full size](#)

### Connector Part Information

- OEM: 15326890
- Service: See Catalog
- Description: 4-Way M GT 280 Series (BK)

### Terminal Part Information

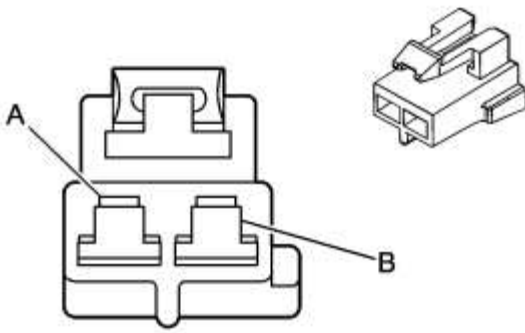
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## Folding Top Pump/Motor Assembly (CM7)

| Pin | Wire     | Circuit | Function                                   |
|-----|----------|---------|--------------------------------------------|
| A   | 3.0 D-BU | 5949    | Folding Top Pump Motor Direction A Voltage |
| B   | 3.0 L-GN | 5948    | Folding Top Pump Motor Direction B Voltage |
| C   | 0.5 TN   | 476     | Low Reference                              |
| D   | 0.5 GY   | 474     | 5V                                         |

## Fuel Door Release Actuator - Fuel Door Release Actuator

Fuel Door Release Actuator



 [Click here for full size](#)

### Connector Part Information

- OEM: 12064749
- Service: 12101888
- Description: 2-Way F Metri-Pack 480 Series (BK)

### Terminal Part Information

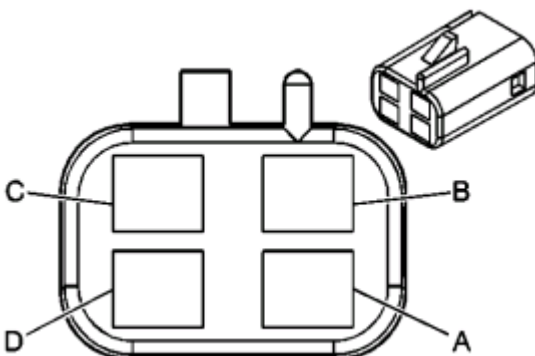
- Terminal/Tray: 12124304/2
- Core/Insulation Crimp: A/B
- Release Tool/Test Probe: 12094430/J-35616-40 (BU)

### Fuel Door Release Actuator

| Pin | Wire | Circuit | Function                                  |
|-----|------|---------|-------------------------------------------|
| A   | 2 PK | 79      | Fuel Door Release Solenoid Supply Voltage |
| B   | 2 BK | 1150    | Ground                                    |

### Fuel Door Release Switch - Fuel Door Release Switch

Fuel Door Release Switch



 [Click here for full size](#)

### Connector Part Information

- OEM: 12047785
- Service: 12102900
- Description: 4-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

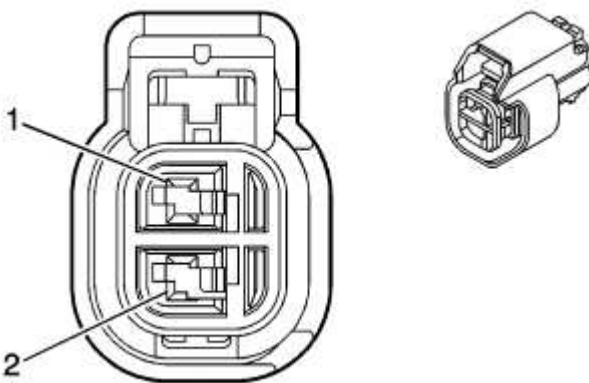
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

### Fuel Door Release Switch

| Pin | Wire       | Circuit | Function                              |
|-----|------------|---------|---------------------------------------|
| A   | 0.35 BK    | 1450    | Ground                                |
| B   | 0.35 BK    | 1450    | Ground                                |
| C   | 0.35 BN/WH | 230     | Instrument Panel Lamp Dimming Control |
| D   | 0.35 WH    | 93      | Fuel Door Release Relay Control       |

### Fuel Injector 1 - Fuel Injector 1

Fuel Injector 1



 [Click here for full size](#)

### Connector Part Information

- OEM: E-2157-000
- Service: 88988054

- Description: 2-Way F Metri-Pack 150 Series, Sealed (BK)

#### Terminal Part Information

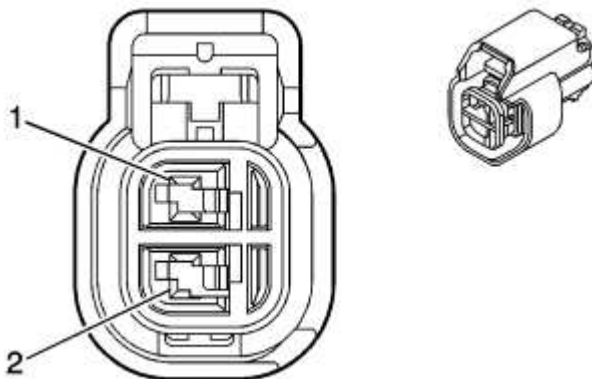
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

#### Fuel Injector 1

| Pin | Wire   | Circuit | Function                |
|-----|--------|---------|-------------------------|
| 1   | 0.8 PK | 39      | Ignition 1 Voltage      |
| 2   | 0.5 TN | 1744    | Fuel Injector 1 Control |

#### Fuel Injector 2 - Fuel Injector 2

Fuel Injector 2



 [Click here for full size](#)

#### Connector Part Information

- OEM: E-2157-000
- Service: 88988054
- Description: 2-Way F Metri-Pack 150 Series, Sealed (BK)

#### Terminal Part Information

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

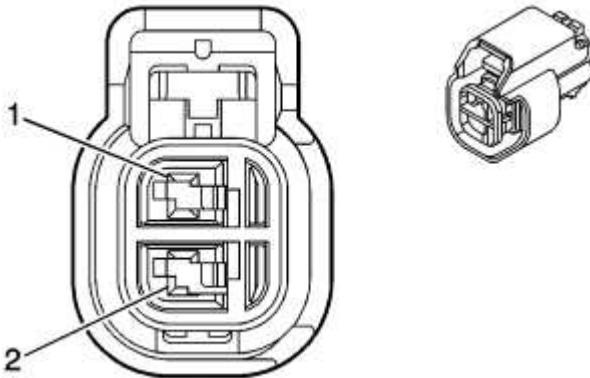


## Fuel Injector 2

| Pin | Wire        | Circuit | Function                |
|-----|-------------|---------|-------------------------|
| 1   | 0.8 PK      | 139     | Ignition 1 Voltage      |
| 2   | 0.5 L-GN/BK | 1745    | Fuel Injector 2 Control |

## Fuel Injector 3 - Fuel Injector 3

Fuel Injector 3



 [Click here for full size](#)

### Connector Part Information

- OEM: E-2157-000
- Service: 88988054
- Description: 2-Way F Metri-Pack 150 Series, Sealed (BK)

### Terminal Part Information

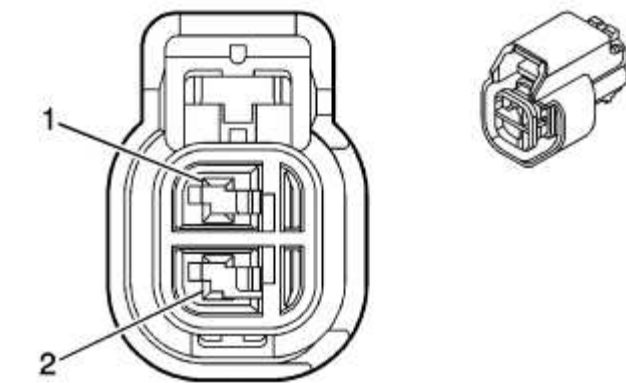
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

## Fuel Injector 3

| Pin | Wire      | Circuit | Function                |
|-----|-----------|---------|-------------------------|
| 1   | 0.8 PK    | 39      | Ignition 1 Voltage      |
| 2   | 0.5 PK/BK | 1746    | Fuel Injector 3 Control |

## Fuel Injector 4 - Fuel Injector 4

Fuel Injector 4



 [Click here for full size](#)

#### Connector Part Information

- OEM: E-2157-000
- Service: 88988054
- Description: 2-Way F Metri-Pack 150 Series, Sealed (BK)

#### Terminal Part Information

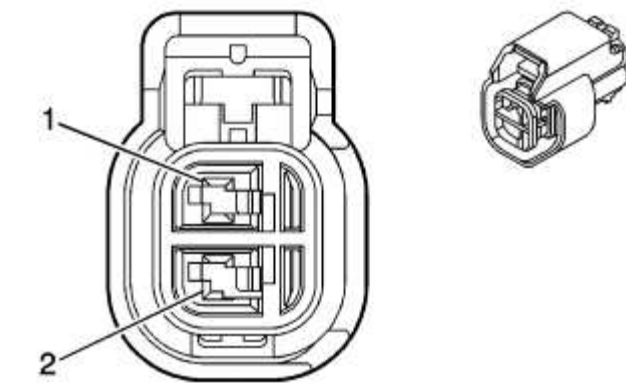
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

#### Fuel Injector 4

| Pin | Wire        | Circuit | Function                |
|-----|-------------|---------|-------------------------|
| 1   | 0.8 PK      | 139     | Ignition 1 Voltage      |
| 2   | 0.5 L-BU/BK | 844     | Fuel Injector 4 Control |

#### Fuel Injector 5 - Fuel Injector 5

Fuel Injector 5



 [Click here for full size](#)

### Connector Part Information

- OEM: E-2157-000
- Service: 88988054
- Description: 2-Way F Metri-Pack 150 Series, Sealed (BK)

### Terminal Part Information

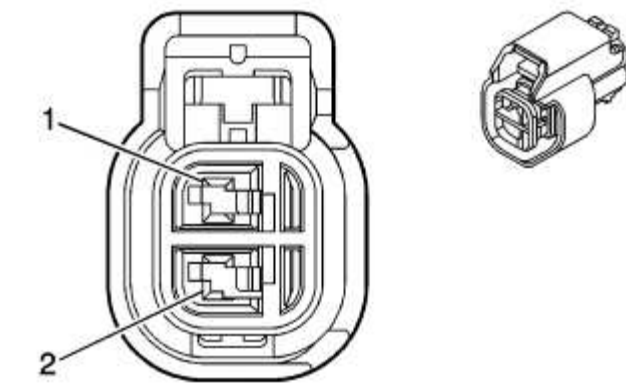
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

### Fuel Injector 5

| Pin | Wire      | Circuit | Function                |
|-----|-----------|---------|-------------------------|
| 1   | 0.8 PK    | 39      | Ignition 1 Voltage      |
| 2   | 0.5 TN/WH | 845     | Fuel Injector 5 Control |

### Fuel Injector 6 - Fuel Injector 6

Fuel Injector 6



 [Click here for full size](#)

### Connector Part Information

- OEM: E-2157-000
- Service: 88988054
- Description: 2-Way F Metri-Pack 150 Series, Sealed (BK)

### Terminal Part Information

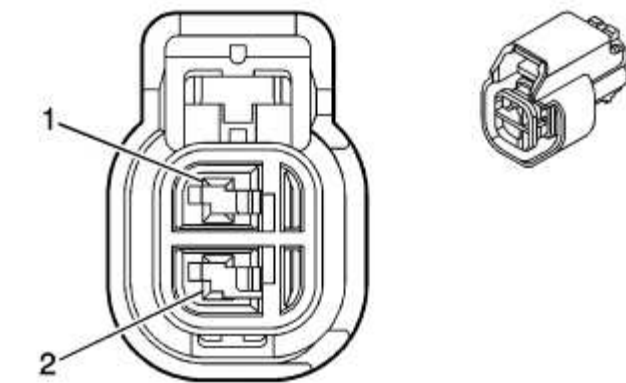
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

### Fuel Injector 6

| Pin | Wire      | Circuit | Function                |
|-----|-----------|---------|-------------------------|
| 1   | 0.8 PK    | 139     | Ignition 1 Voltage      |
| 2   | 0.5 YE/BK | 846     | Fuel Injector 6 Control |

### Fuel Injector 7 - Fuel Injector 7

Fuel Injector 7



 [Click here for full size](#)

### Connector Part Information

- OEM: E-2157-000
- Service: 88988054
- Description: 2-Way F Metri-Pack 150 Series, Sealed (BK)

### Terminal Part Information

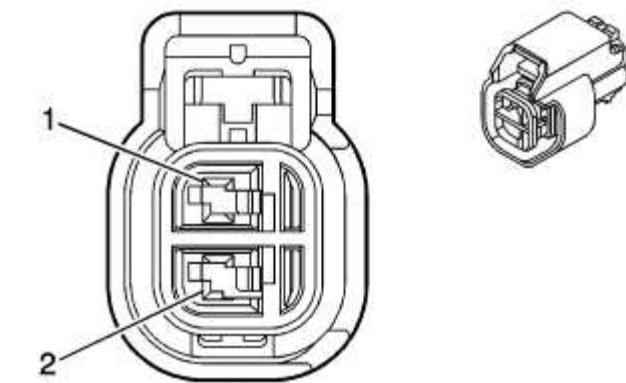
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

### Fuel Injector 7

| Pin | Wire      | Circuit | Function                |
|-----|-----------|---------|-------------------------|
| 1   | 0.8 PK    | 39      | Ignition 1 Voltage      |
| 2   | 0.5 OG/BK | 877     | Fuel Injector 7 Control |

### Fuel Injector 8 - Fuel Injector 8

Fuel Injector 8



 [Click here for full size](#)

#### Connector Part Information

- OEM: E-2157-000
- Service: 88988054
- Description: 2-Way F Metri-Pack 150 Series, Sealed (BK)

#### Terminal Part Information

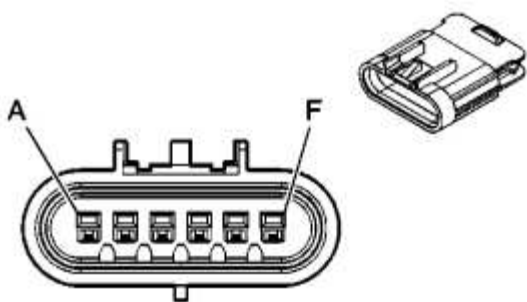
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

#### Fuel Injector 8

| Pin | Wire        | Circuit | Function                |
|-----|-------------|---------|-------------------------|
| 1   | 0.8 PK      | 139     | Ignition 1 Voltage      |
| 2   | 0.5 D-BU/WH | 878     | Fuel Injector 8 Control |

#### Fuel Level Sensor - Secondary - Fuel Level Sensor - Secondary

Fuel Level Sensor - Secondary



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### Connector Part Information

- OEM: 15326833
- Service: See Catalog
- Description: 6-Way M GT 150 Series, Sealed (BK)

### Terminal Part Information

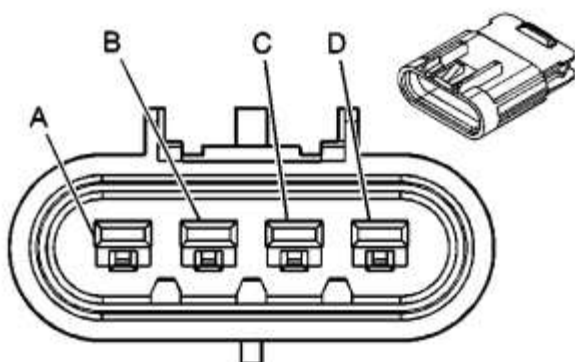
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Fuel Level Sensor - Secondary

| Pin | Wire     | Circuit | Function                        |
|-----|----------|---------|---------------------------------|
| A   | 0.5 L-BU | 1937    | Fuel Level Sensor Signal        |
| B   | 0.5 BK   | 2759    | Low Reference                   |
| C   | 0.5 BK   | 850     | Ground                          |
| D   | 0.35 OG  | 890     | Fuel Tank Pressue Sensor Signal |
| E   | 0.35 GY  | 2709    | 5V                              |
| F   | —        | —       | Not Used                        |

### Fuel Pump and Sender Assembly - Fuel Pump and Sender Assembly

Fuel Pump and Sender Assembly



 [Click here for full size](#)

### Connector Part Information

- OEM: 1532-6633
- Service: See Catalog
- Description: 4-Way M GT 280 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

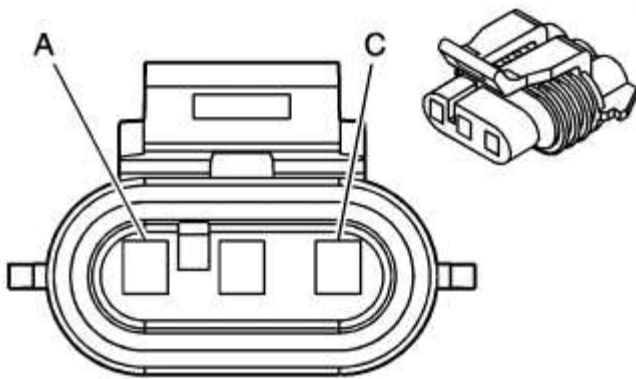
### Fuel Pump and Sender Assembly

| Pin | Wire     | Circuit | Function                             |
|-----|----------|---------|--------------------------------------|
| A   | 2 GY     | 120     | Fuel Pump Supply Voltage             |
| B   | 0.5 TN   | 2759    | Low Reference                        |
| C   | 0.5 D-BU | 1936    | Fuel Level Sensor Signal - Secondary |
| D   | 2 BK     | 850     | Ground                               |

### Fuel Tank Pressure (FTP) Sensor - Fuel Tank Pressure (FTP) Sensor

Fuel Tank Pressure (FTP) Sensor





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#### Connector Part Information

- OEM: 12059595
- Service: 12085495
- Description: 3-Way F Metri-Pack 150 Series, Sealed (BK)

#### Terminal Part Information

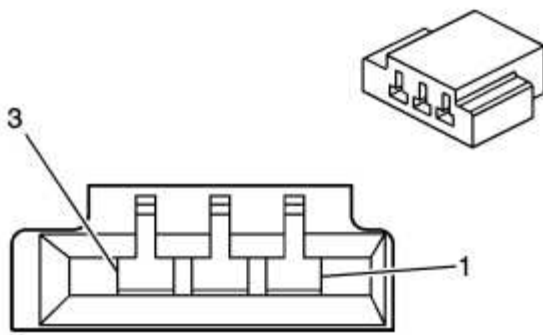
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Fuel Tank Pressure (FTP) Sensor

| Pin | Wire      | Circuit | Function                         |
|-----|-----------|---------|----------------------------------|
| A   | 0.35 BK   | 2759    | Low Reference                    |
| B   | 0.35 D-GN | 890     | Fuel Tank Pressure Sensor Signal |
| C   | 0.35 GY   | 2709    | 5V1                              |

#### Garage Door Opener (UG1) - Garage Door Opener (UG1)

Garage Door Opener (UG1)



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### Connector Part Information

- OEM: 09-01-6038
- Service: 12162335
- Description: 3-Way F Edge Card 156 Series (BK)

### Terminal Part Information

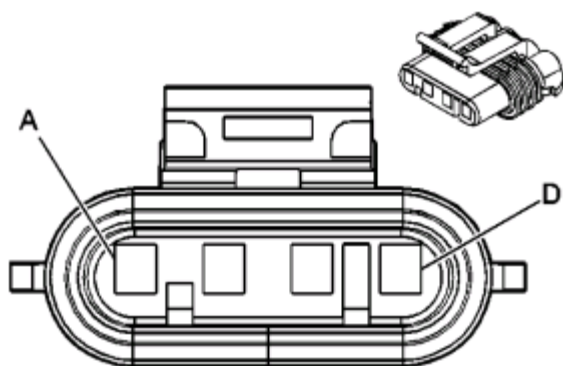
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Garage Door Opener (UG1)

| Pin | Wire    | Circuit | Function                      |
|-----|---------|---------|-------------------------------|
| 1   | 0.35 GY | 1732    | Courtesy Lamps Supply Voltage |
| 2   | —       | —       | Not Used                      |
| 3   | 0.35 BK | 1550    | Ground                        |

### Generator - Generator

Generator



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### Connector Part Information

- OEM: 12186684
- Service: 15306009
- Description: 4-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

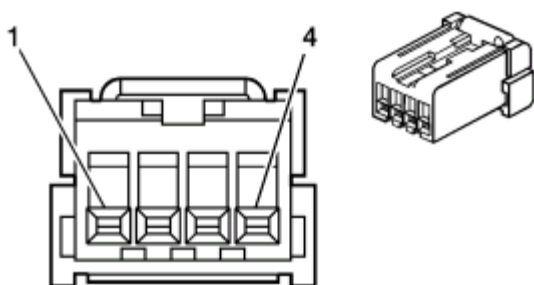
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

### Generator

| Pin | Wire      | Circuit | Function                          |
|-----|-----------|---------|-----------------------------------|
| A   | —         | —       | Not Used                          |
| B   | 0.35 OG   | 225     | Generator Turn On Signal          |
| C   | 0.35 GY   | 23      | Generator Field Duty Cycle Signal |
| D   | 0.5 RD/WH | 2540    | Battery Positive Voltage          |

### Hazard Warning Switch - Hazard Warning Switch

Hazard Warning Switch



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### Connector Part Information

- OEM: 174966-2
- Service: 88953314
- Description: 4-Way F .040 Series Multilock (BK)

### Terminal Part Information

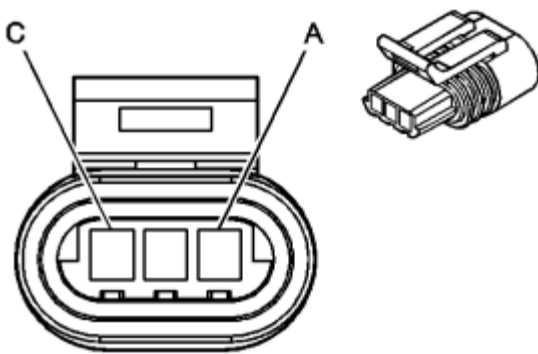
- Terminal/Tray: 173681-2/17
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-16 (L-GN)

### Hazard Warning Switch

| Pin | Wire       | Circuit | Function                             |
|-----|------------|---------|--------------------------------------|
| 1   | 0.35 TN    | 2144    | Hazard Switch Signal                 |
| 2   | 0.35 BK    | 1450    | Ground                               |
| 3   | 0.35 GY/BK | 1458    | Instrument Panel Lamp Supply Voltage |
| 4   | 0.35 BN    | 27      | Hazard Flasher Signal                |

### Headlamp Ballast - Left - Headlamp Ballast - Left

Headlamp Ballast - Left



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### Connector Part Information

- OEM: 12162182
- Service: 12085483
- Description: 3-Way F Metri-Pack 150.2 Pull To Seat Series, Sealed (BK)

### Terminal Part Information

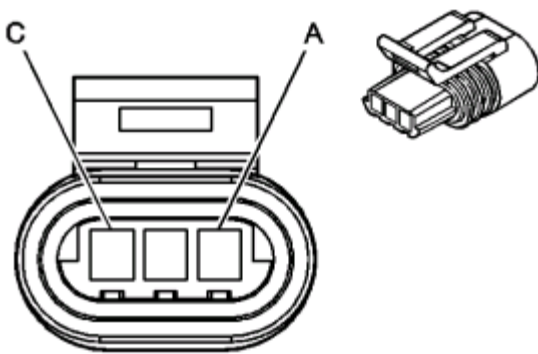
- Terminal/Tray: 12124075/5
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 12180559-1/J-35616-2A (GY)

### Headlamp Ballast - Left

| Pin | Wire | Circuit | Function                              |
|-----|------|---------|---------------------------------------|
| A   | —    | —       | Not Used                              |
| B   | 1 BK | 1350    | Ground                                |
| C   | 1 YE | 712     | Left Headlamp Low Beam Supply Voltage |

### Headlamp Ballast - Right - Headlamp Ballast - Right

Headlamp Ballast - Right



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12162182
- Service: 12085483
- Description: 3-Way F Metri-Pack 150.2 Pull To Seat Series, Sealed (BK)

#### Terminal Part Information

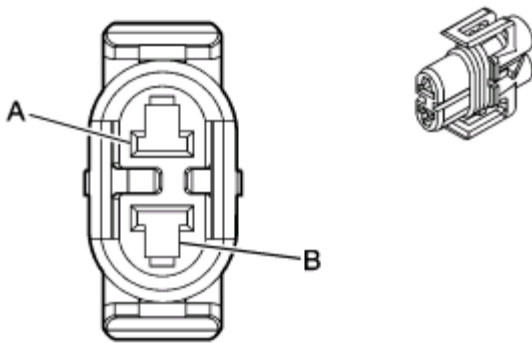
- Terminal/Tray: 12124075/5
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 12180559-1/J-35616-2A (GY)

#### Headlamp Ballast - Right

| Pin | Wire    | Circuit | Function                               |
|-----|---------|---------|----------------------------------------|
| A   | —       | —       | Not Used                               |
| B   | 1 BK    | 1250    | Ground                                 |
| C   | 1 TN/WH | 312     | Right Headlamp Low Beam Supply Voltage |

#### Headlamp High Beam - Left - Headlamp High Beam - Left

Headlamp High Beam - Left



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### Connector Part Information

- OEM: 15393199
- Service: 88987187
- Description: 2-Way F Metri-Pack 280 Series, Sealed (GY)

### Terminal Part Information

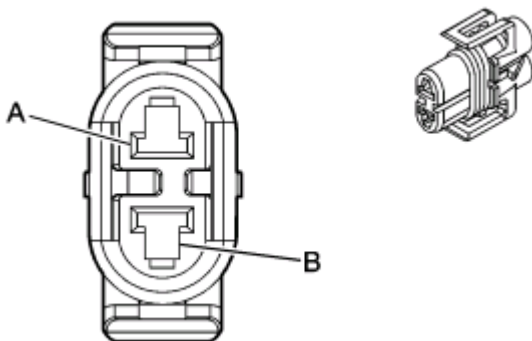
- Terminal/Tray: 12077411/2
- Core/Insulation Crimp: 2/5
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)

### Headlamp High Beam - Left

| Pin | Wire        | Circuit | Function                               |
|-----|-------------|---------|----------------------------------------|
| A   | 0.5 D-GN/WH | 711     | Left Headlamp High Beam Supply Voltage |
| B   | 0.5 BK      | 1350    | Ground                                 |

### Headlamp High Beam - Right - Headlamp High Beam - Right

Headlamp High Beam - Right



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15393199
- Service: 88987187
- Description: 2-Way F Metri-Pack 280 Series, Sealed (GY)

#### Terminal Part Information

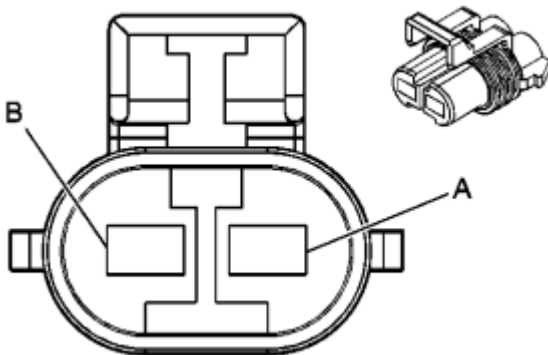
- Terminal/Tray: 12077411/2
- Core/Insulation Crimp: 2/5
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)

#### Headlamp High Beam - Right

| Pin | Wire        | Circuit | Function                                |
|-----|-------------|---------|-----------------------------------------|
| A   | 0.5 L-GN/BK | 311     | Right Headlamp High Beam Supply Voltage |
| B   | 0.5 BK      | 1250    | Ground                                  |

#### Headlamp Washer Fluid Pump (CE4) - Headlamp Washer Fluid Pump (CE4)

Headlamp Washer Fluid Pump (CE4)



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#### Connector Part Information

- OEM: 12052613
- Service: 12085212
- Description: 2-Way F Metri-Pack 480 Series, Sealed (BK)



### Terminal Part Information

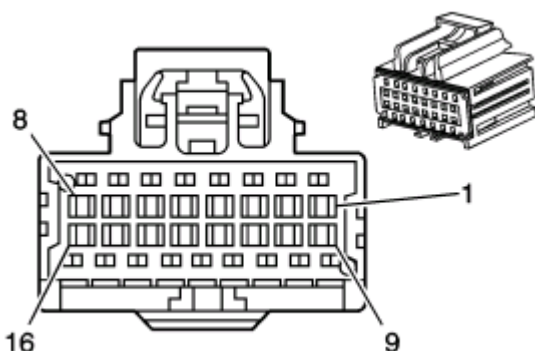
- Terminal/Tray: 12048451/2
- Core/Insulation Crimp: F/3
- Release Tool/Test Probe: 12094430/J-35616-40 (BU)

### Headlamp Washer Fluid Pump (CE4)

| Pin | Wire | Circuit | Function                     |
|-----|------|---------|------------------------------|
| A   | 1 BK | 1350    | Ground                       |
| B   | 1 PU | 1197    | Headlamp Washer Pump Control |

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

Head Up Display (HUD) (UV6)



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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

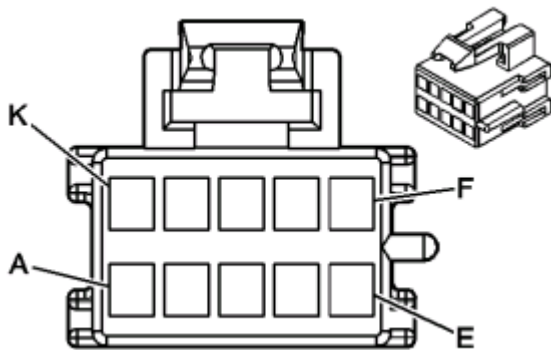
- Terminal/Tray: 15359541/4
- Core/Insulation Crimp: M/M
- Release Tool/Test Probe: 15381651-2/J-35616-64B (L-BU)

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

| Pin   | Wire         | Circuit | Function                 |
|-------|--------------|---------|--------------------------|
| 1     | 0.5 RD/WH    | 1140    | Battery Positive Voltage |
| 2     | 0.35 YE      | 1127    | Class 2 Serial Data      |
| 3     | 0.35 D-GN/WH | 817     | Vehicle Speed Signal     |
| 4     | 0.35 WH      | 121     | Engine Speed Signal      |
| 5     | —            | —       | Not Used                 |
| 6     | 0.35 BK      | 1450    | Ground                   |
| 7     | 0.35 BN      | 2383    | HUD Image Up Signal      |
| 8     | 0.35 PK      | 2384    | HUD Image Down Signal    |
| 9     | 0.35 BN      | 622     | HUD Page Signal          |
| 10    | 0.35 TN      | 876     | HUD Data Signal          |
| 11    | 0.35 L-GN    | 880     | HUD Dimming Up Signal    |
| 12    | 0.35 YE      | 879     | HUD Dimming Down Signal  |
| 13-16 | —            | —       | Not Used                 |

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

Head Up Display (HUD) Switch (UV6)



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### Connector Part Information

- OEM: 12064871
- Service: 12101832
- Description: 10-Way F Metri-Pack 150 Series (BU)

### Terminal Part Information

- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C

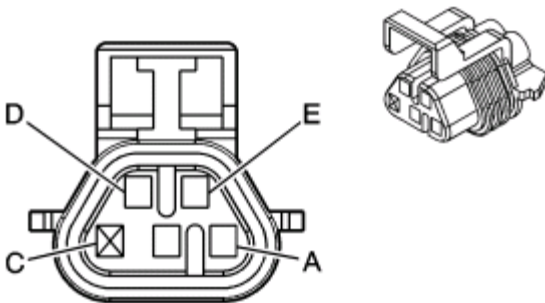
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

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

| Pin | Wire      | Circuit | Function                                 |
|-----|-----------|---------|------------------------------------------|
| A-B | —         | —       | Not Used                                 |
| C   | 0.35 L-GN | 880     | HUD Dimming Up Signal                    |
| D   | 0.35 YE   | 879     | HUD Dimming Down Signal                  |
| E   | 0.35 BN   | 1244    | Instrument Panel Lamp Supply Voltage - 2 |
| F   | 0.35 BK   | 1450    | Ground                                   |
| G   | 0.35 TN   | 876     | HUD Data Signal                          |
| H   | 0.35 BN   | 622     | HUD Page Signal                          |
| J   | 0.35 BN   | 2383    | HUD Image Up Signal                      |
| K   | 0.35 PK   | 2384    | HUD Image Down Signal                    |

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

Heated Oxygen Sensor (HO2S) Bank 1 Sensor 1



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### Connector Part Information

- OEM: 12146047
- Service: 12146047
- Description: 5-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1

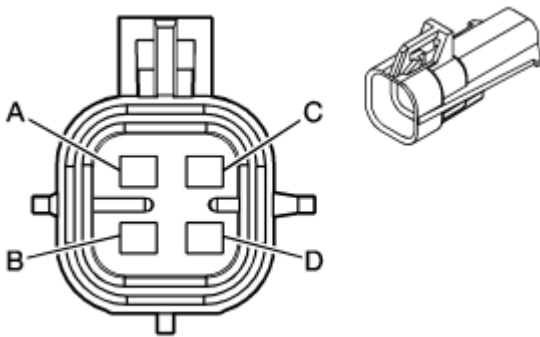
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

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

| Pin | Wire      | Circuit | Function                                |
|-----|-----------|---------|-----------------------------------------|
| A   | 0.5 TN    | 1664    | HO2S Low Signal Bank 1 Sensor 1         |
| B   | 0.5 PU/WH | 1665    | HO2S High Signal Bank 1 Sensor 1        |
| C   | —         | —       | Not Available                           |
| D   | 0.5 PK    | 339     | Ignition 1 Voltage                      |
| E   | 0.5 GY/WH | 3113    | HO2S Heater Low Control Bank 1 Sensor 1 |

### Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2 - Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2

Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2



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#### Connector Part Information

- OEM: 15326423
- Service: 8898814
- Description: 4-Way M Metri-Pack 150 Series (BK)

#### Terminal Part Information

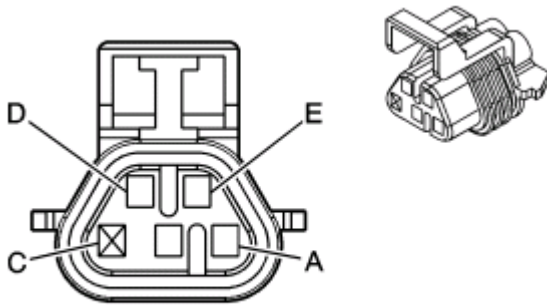
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2

| Pin | Wire      | Circuit | Function                                |
|-----|-----------|---------|-----------------------------------------|
| A   | 0.5 TN/WH | 1669    | HO2S Low Signal Bank 1 Sensor 2         |
| B   | 0.5 PU/WH | 1668    | HO2S High Signal Bank 1 Sensor 2        |
| C   | 0.5 BN    | 2391    | HO2S Heater Low Control Bank 1 Sensor 2 |
| D   | 0.5 PK    | 339     | Ignition 1 Voltage                      |

### Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1 - Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1

Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1



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#### Connector Part Information

- OEM: 12146047
- Service: 12146047
- Description: 5-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-35616-2A (GY)

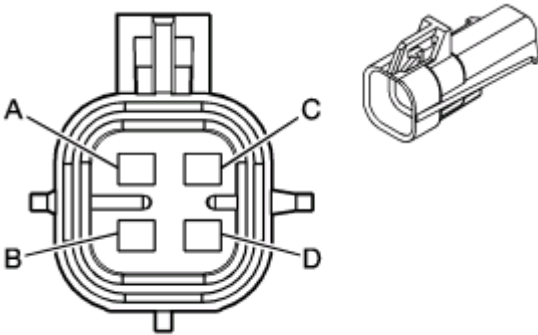
### Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1

| Pin | Wire   | Circuit | Function                         |
|-----|--------|---------|----------------------------------|
| A   | 0.5 TN | 1667    | HO2S Low Signal Bank 2 Sensor 1  |
| B   | 0.5 PU | 1666    | HO2S High Signal Bank 2 Sensor 1 |
| C   | —      | —       | Not Available                    |
| D   | 0.5 PK | 339     | Ignition 1 Voltage               |

|   |          |      |                                         |
|---|----------|------|-----------------------------------------|
| E | 0.5 L-GN | 3212 | HO2S Heater Low Control Bank 2 Sensor 1 |
|---|----------|------|-----------------------------------------|

## Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2 - Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2

Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2



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### Connector Part Information

- OEM: 15326423
- Service: 15306319
- Description: 4-Way M Metri-Pack 150 Series (BK)

### Terminal Part Information

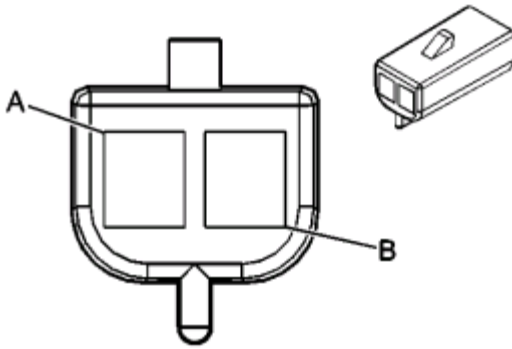
- Terminal/Tray: 12045773/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

## Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2

| Pin | Wire      | Circuit | Function                                |
|-----|-----------|---------|-----------------------------------------|
| A   | 0.5 TN    | 1671    | HO2S Low Signal Bank 2 Sensor 2         |
| B   | 0.5 PU    | 1670    | HO2S High Signal Bank 2 Sensor 2        |
| C   | 0.5 OG/WH | 3223    | HO2S Heater Low Control Bank 2 Sensor 2 |
| D   | 0.5 PK    | 339     | Ignition 1 Voltage                      |

## Heated Seat Element - Driver Back (KA1) - Heated Seat Element - Driver Back (KA1)

Heated Seat Element - Driver Back (KA1)



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#### Connector Part Information

- OEM: 12059253
- Service: 12125690
- Description: 2-Way F Metri-Pack 150 Series (L-GN)

#### Terminal Part Information

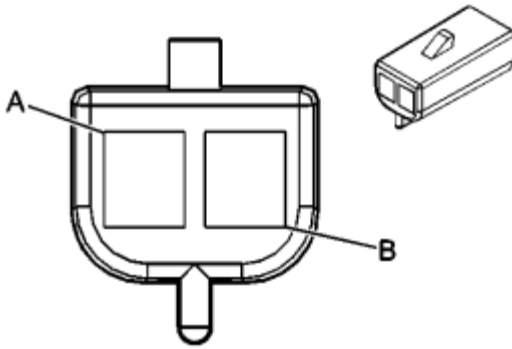
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Heated Seat Element - Driver Back (KA1)

| Pin | Wire   | Circuit | Function                           |
|-----|--------|---------|------------------------------------|
| A   | 1 L-GN | 2078    | Heated Seat Element Control        |
| B   | 1 PK   | 2077    | Heated Seat Element Supply Voltage |

#### Heated Seat Element - Passenger Back (KA1) - Heated Seat Element - Passenger Back (KA1)

Heated Seat Element - Passenger Back (KA1)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12059253
- Service: 12125690
- Description: 2-Way F Metri-Pack 150 Series (L-GN)

#### Terminal Part Information

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

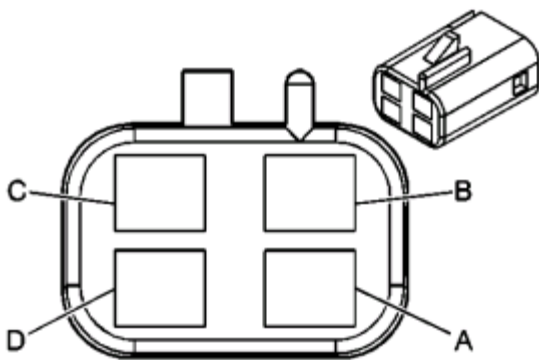
#### Heated Seat Element - Passenger Back (KA1)

| Pin | Wire   | Circuit | Function                           |
|-----|--------|---------|------------------------------------|
| A   | 1 PK   | 2480    | Heated Seat Element Control        |
| B   | 1 D-BU | 2479    | Heated Seat Element Supply Voltage |

#### Heated Seat Element - Driver Cushion (KA1) - Heated Seat Element - Driver Cushion (KA1)

Heated Seat Element - Driver Cushion (KA1)





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#### Connector Part Information

- OEM: 12047785
- Service: 12102900
- Description: 4-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

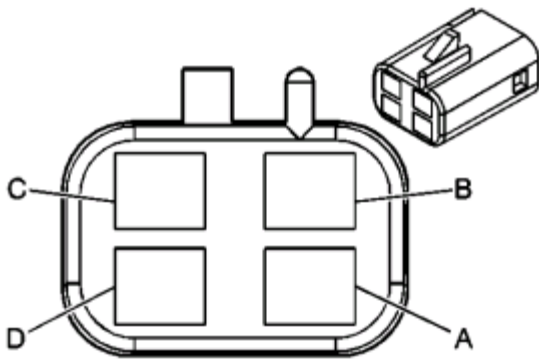
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Heated Seat Element - Driver Cushion (KA1)

| Pin | Wire         | Circuit | Function                                                |
|-----|--------------|---------|---------------------------------------------------------|
| A   | 0.5 YE       | 2080    | Low Reference                                           |
| B   | 0.5<br>YE/BK | 2079    | Driver Heated Seat Cushion Temperature Sensor<br>Signal |
| C   | 1 L-GN       | 2078    | Heated Seat Element Control                             |
| D   | 1 PK         | 2077    | Heated Seat Element Supply Voltage                      |

#### Heated Seat Element - Passenger Cushion (KA1) - Heated Seat Element - Passenger Cushion (KA1)

Heated Seat Element - Passenger Cushion (KA1)



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#### Connector Part Information

- OEM: 12047785
- Service: 12102900
- Description: 4-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

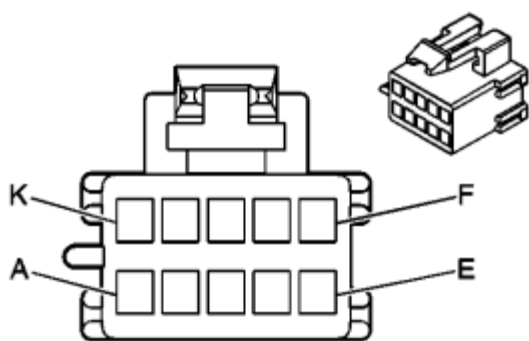
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Heated Seat Element - Passenger Cushion (KA1)

| Pin | Wire      | Circuit | Function                                                |
|-----|-----------|---------|---------------------------------------------------------|
| A   | 0.5<br>PK | 2435    | Low Reference                                           |
| B   | 0.5<br>GY | 2434    | Passenger Heated Seat Cushion Temperature Sensor Signal |
| C   | 1 PK      | 2480    | Heated Seat Element Control                             |
| D   | 1<br>D-BU | 2479    | Passenger Heated Seat Element Supply Voltage            |

#### Heated Seat Control Module - Driver X1 (KA1) - Heated Seat Control Module - Driver X1 (KA1)

Heated Seat Control Module - Driver X1 (KA1)



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

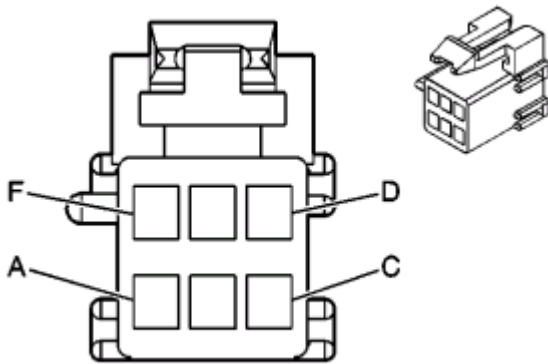
### Heated Seat Control Module - Driver X1 (KA1)

| Pin | Wire            | Circuit | Function                                       |
|-----|-----------------|---------|------------------------------------------------|
| A   | 0.8 RD/WH       | 1640    | Battery Positive Voltage                       |
| B   | 0.35 PK         | 1139    | Ignition 1 Voltage                             |
| C   | 0.35<br>L-BU/WH | 181     | Driver Heated Seat Module Status Signal        |
| D   | 0.35 PK         | 1501    | Driver Heated Seat High/Low Signal             |
| E   | —               | —       | Not Used                                       |
| F   | 0.35 OG/BK      | 2180    | Driver Heated Seat Switch Off Signal           |
| G   | 0.35 YE         | 182     | Heated Seat Control Module Inhibit Signal      |
| H   | 0.35 BN         | 1463    | Heated Seat Low Temperature Indicator Control  |
| J   | 0.35 D-BU       | 1461    | Heated Seat High Temperature Indicator Control |
| K   | 0.8 BK          | 1150    | Ground                                         |

### Heated Seat Control Module - Driver X2 (KA1) - Heated Seat

## Control Module - Driver X2 (KA1)

Heated Seat Control Module - Driver X2 (KA1)



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### Connector Part Information

- OEM: 12064762
- Service: 12125665
- Description: 6-Way F Metri-Pack 150 Series (GY)

### Terminal Part Information

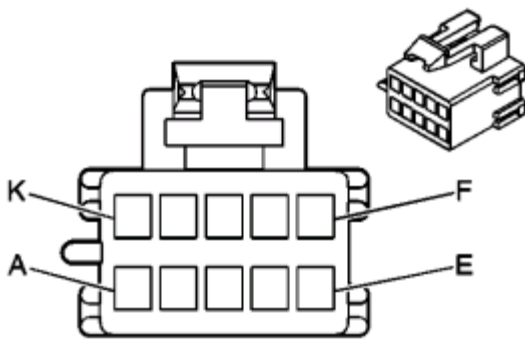
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## Heated Seat Control Module - Driver X2 (KA1)

| Pin | Wire      | Circuit | Function                                             |
|-----|-----------|---------|------------------------------------------------------|
| A   | 1 PK      | 2077    | Heated Seat Element Supply Voltage                   |
| B   | —         | —       | Not Used                                             |
| C   | 1 L-GN    | 2078    | Heated Seat Element Control                          |
| D   | 0.5 YE    | 2080    | Low Reference                                        |
| E   | —         | —       | Not Used                                             |
| F   | 0.5 YE/BK | 2079    | Driver Heated Seat Cushion Temperature Sensor Signal |

## Heated Seat Control Module - Passenger X1 (KA1) - Heated Seat Control Module - Passenger X1 (KA1)

Heated Seat Control Module - Passenger X1 (KA1)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12064769
- Service: 12101762
- Description: 10-Way F Metri-Pack 150 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

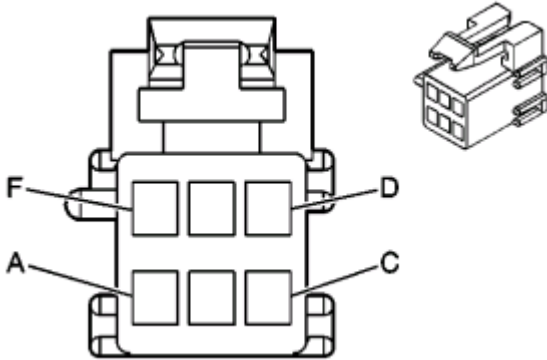
### Heated Seat Control Module - Passenger X1 (KA1)

| Pin | Wire         | Circuit | Function                                       |
|-----|--------------|---------|------------------------------------------------|
| A   | 0.8 RD/WH    | 3240    | Battery Positive Voltage                       |
| B   | 0.35 PK      | 1139    | Ignition 1 Voltage                             |
| C   | 0.35 D-BU    | 2181    | Passenger Heated Seat Module Status Signal     |
| D   | 0.35 PK/BK   | 1503    | Passenger Heated Seat High/Low Signal          |
| E   | —            | —       | Not Used                                       |
| F   | 0.35 L-BU    | 2179    | Passenger Heated Seat Switch Off Signal        |
| G   | 0.35 GY      | 5961    | Heated Seat Control Module Inhibit Signal      |
| H   | 0.35 BN/WH   | 1506    | Heated Seat Low Temperature Indicator Control  |
| J   | 0.35 D-BU/WH | 1504    | Heated Seat High Temperature Indicator Control |
| K   | 0.8 BK       | 750     | Ground                                         |

### Heated Seat Control Module - Passenger X2 (KA1) - Heated

## Seat Control Module - Passenger X2 (KA1)

Heated Seat Control Module - Passenger X2 (KA1)



[Click here for full size](#)

### Connector Part Information

- OEM: 12064762
- Service: 12125665
- Description: 6-Way F Metri-Pack 150 Series (GY)

### Terminal Part Information

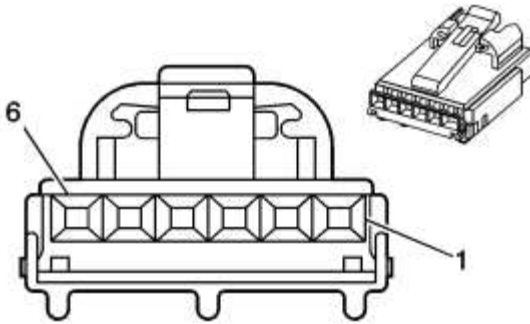
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## Heated Seat Control Module - Passenger X2 (KA1)

| Pin | Wire      | Circuit | Function                                                |
|-----|-----------|---------|---------------------------------------------------------|
| A   | 1<br>D-BU | 2479    | Heated Seat Element Supply Voltage                      |
| B   | —         | —       | Not Used                                                |
| C   | 1 PK      | 2480    | Heated Seat Element Control                             |
| D   | 0.5<br>PK | 2435    | Low Reference                                           |
| E   | —         | —       | Not Used                                                |
| F   | 0.5<br>GY | 2434    | Passenger Heated Seat Cushion Temperature Sensor Signal |

## Heated Seat Switch - Driver (KA1) - Heated Seat Switch - Driver (KA1)

## Heated Seat Switch - Driver (KA1)



 [Click here for full size](#)

### Connector Part Information

- OEM: 31073-1011
- Service: 88988114
- Description: 6-Way F HDAC64 SR Housing (GY)

### Terminal Part Information

- Terminal/Tray: 1393364-2/7
- Core/Insulation Crimp: K/K
- Release Tool/Test Probe: 15315247/J-35616-64B (L-BU)

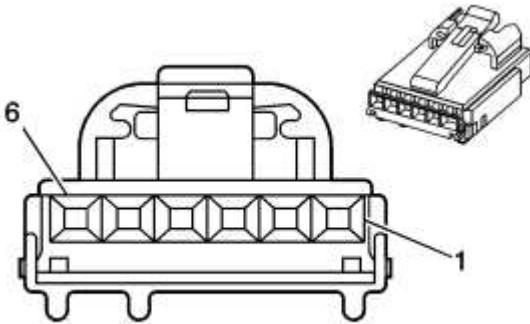
## Heated Seat Switch - Driver (KA1)

| Pin | Wire         | Circuit | Function                                                              |
|-----|--------------|---------|-----------------------------------------------------------------------|
| 1   | 0.35 OG/BK   | 2180    | Driver Heated Seat Switch Off Signal                                  |
| 2   | 0.35 GY/BK   | 1458    | Instrument Panel Lamps Supply Voltage (4)                             |
| 3   | 0.35 BK      | 1550    | Ground                                                                |
| 4   | 0.35 PK      | 1501    | Driver Heated Seat High/Low Signal                                    |
| 5   | 0.35 D-BU    | 1461    | Heated Seat High Temperature Indicator Control (North America)        |
|     | 0.35 D-BU/BK | 1461    | Heated Seat High Temperature Indicator Control (Except North America) |
| 6   | 0.35 BN      | 1463    | Heated Seat Low Temperature Indicator Control (North America)         |
|     | 0.35 BN/BK   | 1463    | Heated Seat Low Temperature Indicator Control (Except North America)  |

## Heated Seat Switch - Passenger (KA1) - Heated Seat Switch -

## Passenger (KA1)

### Heated Seat Switch - Passenger (KA1)



 [Click here for full size](#)

### Connector Part Information

- OEM: 31073-1010
- Service: 88988113
- Description: 6-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)

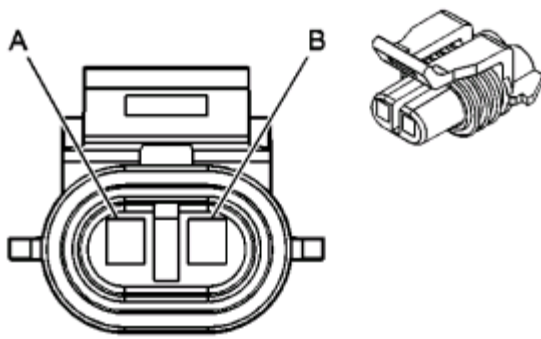
### Heated Seat Switch - Passenger (KA1)

| Pin | Wire            | Circuit | Function                                       |
|-----|-----------------|---------|------------------------------------------------|
| 1   | 0.35 L-BU       | 2179    | Passenger Heated Seat Switch Off Signal        |
| 2   | 0.35 GY/BK      | 1458    | Instrument Panel Lamps Supply Voltage (4)      |
| 3   | 0.35 BK         | 1550    | Ground                                         |
| 4   | 0.35 PK/BK      | 1503    | Passenger Heated Seat High/Low Signal          |
| 5   | 0.35<br>D-BU/WH | 1504    | Heated Seat High Temperature Indicator Control |
| 6   | 0.35 BN/WH      | 1506    | Heated Seat Low Temperature Indicator Control  |

### Hood Ajar Switch (UA2) - Hood Ajar Switch (UA2)

Hood Ajar Switch (UA2)





 [Click here for full size](#)

#### Connector Part Information

- OEM: 12186685
- Service: 12102747
- Description: 2-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

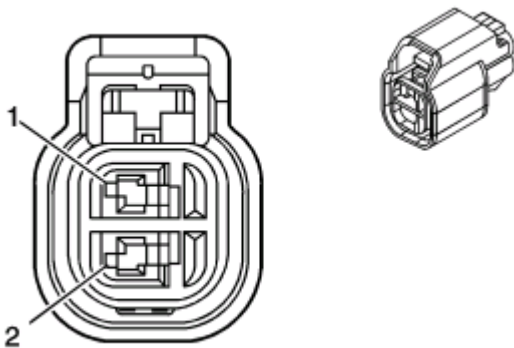
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Hood Ajar Switch (UA2)

| Pin | Wire       | Circuit | Function                |
|-----|------------|---------|-------------------------|
| A   | 0.35 PK/BK | 109     | Hood Ajar Switch Signal |
| B   | 0.35 BK    | 1250    | Ground                  |

#### Horn Assembly - Horn Assembly

Horn Assembly



 [Click here for full size](#)

### Connector Part Information

- OEM: E-2157-000
- Service: 88988054
- Description: 2-Way F 1.5 mm Sealed (BK)

### Terminal Part Information

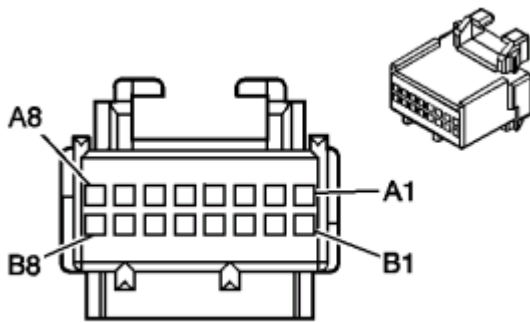
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

### Horn Assembly

| Pin | Wire     | Circuit | Function     |
|-----|----------|---------|--------------|
| 1   | 0.8 D-GN | 29      | Horn Control |
| 2   | 0.8 BK   | 1250    | Ground       |

### HVAC Control Module X1 - HVAC Control Module X1

HVAC Control Module X1



 [Click here for full size](#)

### Connector Part Information

- OEM: 12110259
- Service: 12110259
- Description: 16-Way F Micro-Pack 100 Series (GN)

## Terminal Part Information

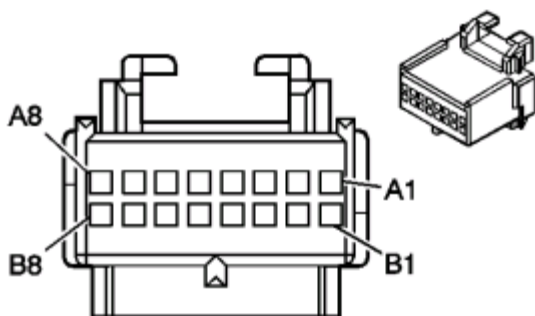
- Terminal/Tray: 12146447/3
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)

## HVAC Control Module X1

| Pin   | Wire         | Circuit | Function                                  |
|-------|--------------|---------|-------------------------------------------|
| A1    | 0.5 BK       | 1550    | Ground                                    |
| A2    | 0.35 WH      | 1038    | HVAC Class 2 Serial Data                  |
| A3-A6 | —            | —       | Not Used                                  |
| A7    | 0.35 D-GN    | 734     | Inside Air Temperature Sensor Signal      |
| A8    | 0.35 TN      | 516     | Upper Left Air Temperature Sensor Signal  |
| B1    | 0.35 YE      | 61      | Low Reference                             |
| B2-B3 | —            | —       | Not Used                                  |
| B4    | 0.35 L-GN/BK | 735     | Ambient Air Temperature Sensor Signal     |
| B5    | 0.35 L-BU/BK | 590     | Driver Sunload Sensor Signal              |
| B6    | 0.35 GY      | 1548    | Passenger Sunload Sensor Signal           |
| B7    | 0.35 WH      | 278     | Ambient Light Sensor Signal               |
| B8    | 0.35 TN      | 517     | Upper Right Air Temperature Sensor Signal |

## HVAC Control Module X2 - HVAC Control Module X2

HVAC Control Module X2



 [Click here for full size](#)

## Connector Part Information

- OEM: 12084944
- Service: 12084944

- Description: 16-Way F Micro-Pack 100 Series (BK)

### Terminal Part Information

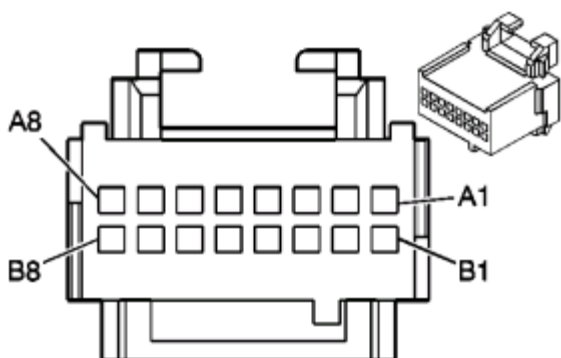
- Terminal/Tray: 12146447/3
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)

### HVAC Control Module X2

| Pin   | Wire         | Circuit | Function                                           |
|-------|--------------|---------|----------------------------------------------------|
| A1    | 0.35 WH      | 193     | Rear Defog Relay Control                           |
| A2    | —            | —       | Not Used                                           |
| A3    | 0.35 L-GN    | 5962    | Inside Air Temperature Sensor Blower Control       |
| A4    | 0.35 D-BU    | 2181    | Passenger Heated Seat Control Module Status Signal |
| A5    | 0.35 L-BU/WH | 181     | Driver Heated Seat Control Module Status Signal    |
| A6    | —            | —       | Not Used                                           |
| A7    | 0.35 PK      | 639     | Ignition 1 Voltage                                 |
| A8    | 0.5 RD/WH    | 1240    | Battery Positive Voltage                           |
| B1    | 0.35 GY/BK   | 1458    | Instrument Panel Lamp Supply Voltage 4             |
| B2    | 0.35 GY/BK   | 1357    | Instrument Panel Lamp Control                      |
| B3    | 0.35 GY/BK   | 754     | Blower Motor Speed Control                         |
| B4    | 0.35 GY      | 5961    | Passenger Seat Temperature Control Signal          |
| B5    | 0.35 YE      | 182     | Driver Seat Temperature Control Signal             |
| B6-B8 | —            | —       | Not Used                                           |

### HVAC Control Module X3 - HVAC Control Module X3

HVAC Control Module X3



 [Click here for full size](#)

### Connector Part Information

- OEM: 12084945
- Service: 12084945
- Description: 16-Way F Micro-Pack 100 Series (GY)

### Terminal Part Information

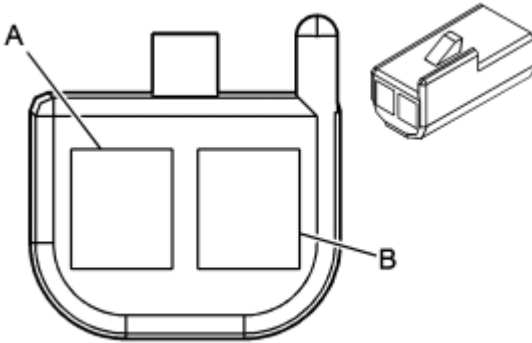
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### HVAC Control Module X3

| Pin   | Wire         | Circuit | Function                                  |
|-------|--------------|---------|-------------------------------------------|
| A1    | 0.35 D-BU/WH | 1199    | Left Air Temperature Door Control A       |
| A2    | 0.35 WH/BK   | 1236    | Right Air Temperature Door Control A      |
| A3    | 0.35 L-GN/BK | 1647    | Recirculation Door Control A              |
| A4    | 0.35 TN      | 2273    | Mode Door Control A                       |
| A5    | 0.35 BN      | 718     | Low Reference                             |
| A6    | 0.35 TN      | 518     | Lower Left Air Temperature Sensor Signal  |
| A7    | 0.35 GY      | 720     | Low Reference                             |
| A8    | 0.35 TN/BK   | 520     | Lower Right Air Temperature Sensor Signal |
| B1    | 0.35 YE      | 1791    | Left Air Temperature Door Control B       |
| B2    | 0.35 D-BU    | 1646    | Right Air Temperature Door Control B      |
| B3    | 0.35 PK/WH   | 1648    | Recirculation Door Control B              |
| B4    | 0.35 L-GN    | 2275    | Mode Door Control B                       |
| B5-B8 | —            | —       | Not Used                                  |

## I/P Compartment Lamp - I/P Compartment Lamp

I/P Compartment Lamp



 [Click here for full size](#)

### Connector Part Information

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

### Terminal Part Information

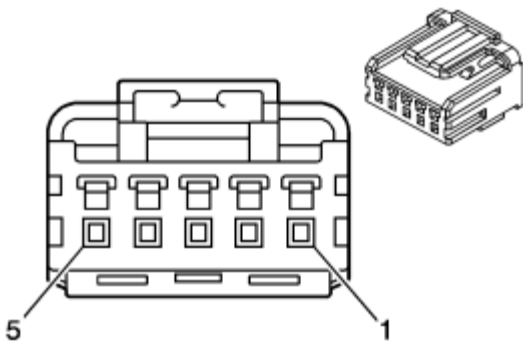
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

## I/P Compartment Lamp

| Pin | Wire    | Circuit | Function                     |
|-----|---------|---------|------------------------------|
| A   | 0.35 OG | 1732    | Courtesy Lamp Supply Voltage |
| B   | 0.35 BK | 1550    | Ground                       |

## I/P Dimmer Switch - I/P Dimmer Switch

I/P Dimmer Switch



 [Click here for full size](#)

### Connector Part Information

- OEM: HCMPB-5-K
- Service: 88988112
- Description: 5-Way F (BK)

### Terminal Part Information

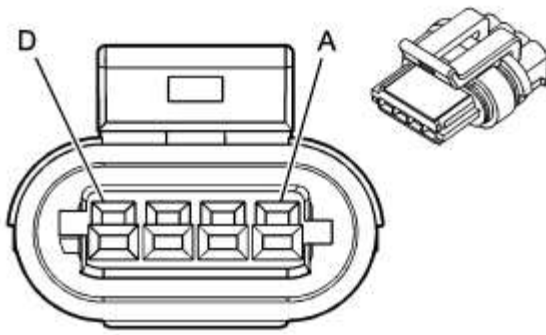
- Terminal/Tray: SHCM-A03T-P025/20
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

### I/P Dimmer Switch

| Pin | Wire            | Circuit | Function                                         |
|-----|-----------------|---------|--------------------------------------------------|
| 1   | 0.35 BK         | 1450    | Ground                                           |
| 2   | 0.35 D-GN       | 44      | Instrument Panel Lamps Dimmer Switch Up Signal   |
| 3   | 0.35 PK/BK      | 1597    | Courtesy Lamps Switch On Signal                  |
| 4   | 0.35<br>D-BU/WH | 1495    | Instrument Panel Lamps Dimmer Switch Down Signal |
| 5   | 0.35 BN         | 1244    | Instrument Panel Lamps Supply Voltage 2          |

### Ignition Coil 1 - Ignition Coil 1

Ignition Coil 1



 [Click here for full size](#)

### Connector Part Information

- OEM: 15439568
- Service: 88988981
- Description: 4-Way F GT 150 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

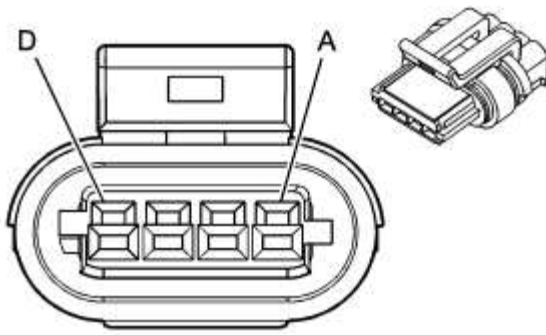
### Ignition Coil 1

| Pin | Wire   | Circuit | Function           |
|-----|--------|---------|--------------------|
| A   | 0.8 BK | 151     | Ground             |
| B   | 0.8 BN | 2129    | Low Reference      |
| C   | 0.8 PU | 2121    | IC 1 Control       |
| D   | 0.8 PK | 39      | Ignition 1 Voltage |

### Ignition Coil 2 - Ignition Coil 2

Ignition Coil 2





 [Click here for full size](#)

### Connector Part Information

- OEM: 15439568
- Service: 88988981
- Description: 4-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

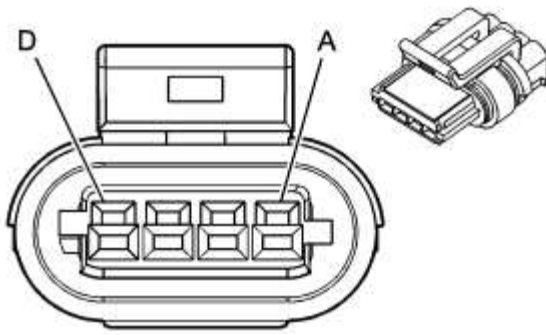
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Ignition Coil 2

| Pin | Wire   | Circuit | Function           |
|-----|--------|---------|--------------------|
| A   | 0.8 BK | 151     | Ground             |
| B   | 0.8 BN | 2130    | Low Reference      |
| C   | 0.8 RD | 2122    | IC 2 Control       |
| D   | 0.8 PK | 39      | Ignition 1 Voltage |

### Ignition Coil 3 - Ignition Coil 3

Ignition Coil 3



 [Click here for full size](#)

### Connector Part Information

- OEM: 15439568
- Service: 88988981
- Description: 4-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

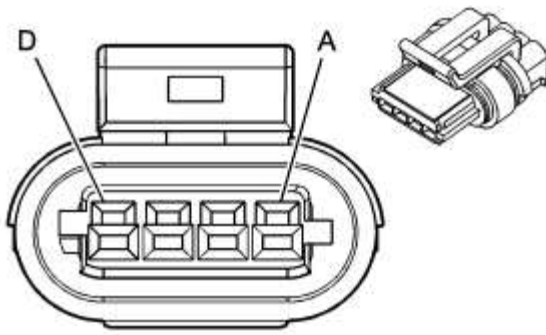
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Ignition Coil 3

| Pin | Wire     | Circuit | Function           |
|-----|----------|---------|--------------------|
| A   | 0.8 BK   | 151     | Ground             |
| B   | 0.8 BN   | 2129    | Low Reference      |
| C   | 0.8 L-BU | 2123    | IC 3 Control       |
| D   | 0.8 PK   | 39      | Ignition 1 Voltage |

### Ignition Coil 4 - Ignition Coil 4

Ignition Coil 4



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15439568
- Service: 88988981
- Description: 4-Way F GT 150 Series, Sealed (BK)

#### Terminal Part Information

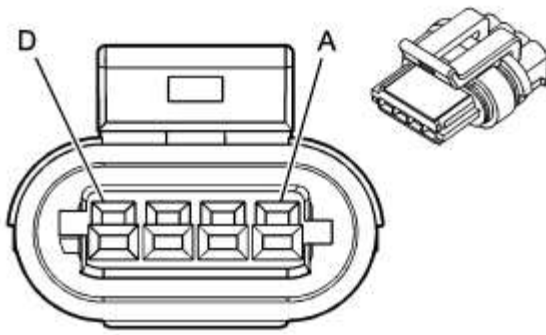
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Ignition Coil 4

| Pin | Wire     | Circuit | Function           |
|-----|----------|---------|--------------------|
| A   | 0.8 BK   | 151     | Ground             |
| B   | 0.8 BN   | 2130    | Low Reference      |
| C   | 0.8 D-GN | 2124    | IC 4 Control       |
| D   | 0.8 PK   | 39      | Ignition 1 Voltage |

#### Ignition Coil 5 - Ignition Coil 5

Ignition Coil 5



 [Click here for full size](#)

### Connector Part Information

- OEM: 15439568
- Service: 88988981
- Description: 4-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

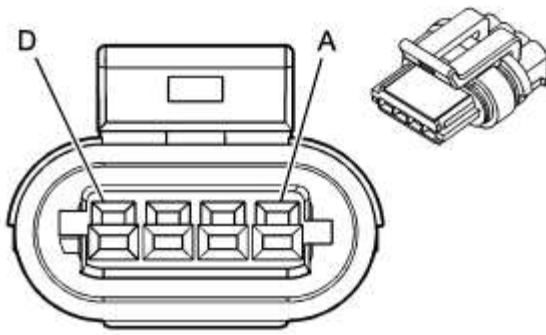
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Ignition Coil 5

| Pin | Wire     | Circuit | Function           |
|-----|----------|---------|--------------------|
| A   | 0.8 BK   | 151     | Ground             |
| B   | 0.8 BN   | 2129    | Low Reference      |
| C   | 0.8 D-GN | 2125    | IC 5 Control       |
| D   | 0.8 PK   | 39      | Ignition 1 Voltage |

### Ignition Coil 6 - Ignition Coil 6

Ignition Coil 6



 [Click here for full size](#)

### Connector Part Information

- OEM: 15439568
- Service: 88988981
- Description: 4-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

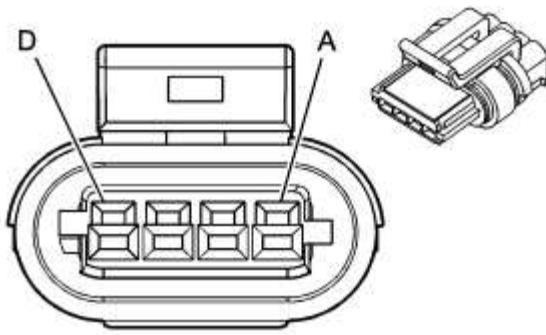
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Ignition Coil 6

| Pin | Wire     | Circuit | Function           |
|-----|----------|---------|--------------------|
| A   | 0.8 BK   | 151     | Ground             |
| B   | 0.8 BN   | 2130    | Low Reference      |
| C   | 0.8 L-BU | 2126    | IC 6 Control       |
| D   | 0.8 PK   | 39      | Ignition 1 Voltage |

### Ignition Coil 7 - Ignition Coil 7

Ignition Coil 7



 [Click here for full size](#)

### Connector Part Information

- OEM: 15439568
- Service: 88988981
- Description: 4-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

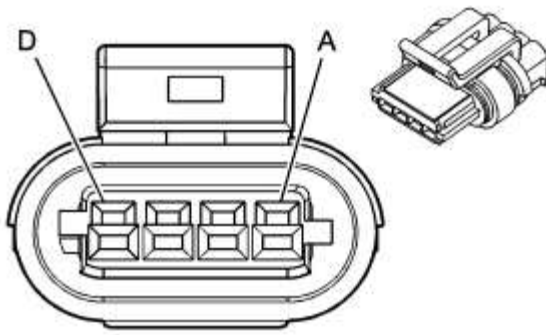
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Ignition Coil 7

| Pin | Wire   | Circuit | Function           |
|-----|--------|---------|--------------------|
| A   | 0.8 BK | 151     | Ground             |
| B   | 0.8 BN | 2129    | Low Reference      |
| C   | 0.8 RD | 2127    | IC 7 Control       |
| D   | 0.8 PK | 39      | Ignition 1 Voltage |

### Ignition Coil 8 - Ignition Coil 8

Ignition Coil 8



 [Click here for full size](#)

### Connector Part Information

- OEM: 15439568
- Service: 88988981
- Description: 4-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

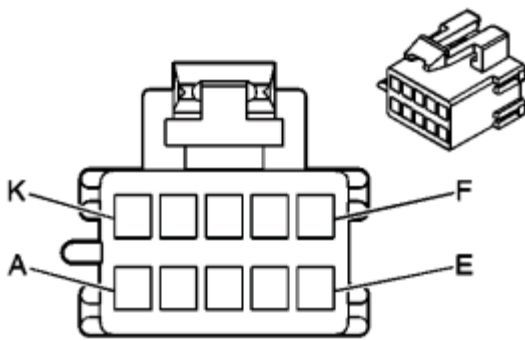
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Ignition Coil 8

| Pin | Wire   | Circuit | Function           |
|-----|--------|---------|--------------------|
| A   | 0.8 BK | 151     | Ground             |
| B   | 0.8 BN | 2130    | Low Reference      |
| C   | 0.8 PU | 2128    | IC 8 Control       |
| D   | 0.8 PK | 39      | Ignition 1 Voltage |

### Ignition Mode Switch - Ignition Mode Switch

Ignition Mode Switch



 [Click here for full size](#)

### 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-35616-2A (GY)

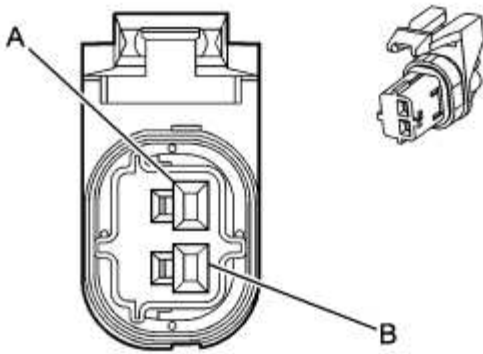
### Ignition Mode Switch

| Pin | Wire         | Circuit | Function                                  |
|-----|--------------|---------|-------------------------------------------|
| A   | 0.35 L-BU/WH | 5725    | Ignition Mode Switch Mode Voltage Backup  |
| B   | 0.35 D-BU    | 5719    | Ignition Mode Switch Start LED Signal     |
| C   | 0.35 BN/WH   | 230     | Instrument Panel Lamp Dimming Control     |
| D   | 0.35 BK      | 1450    | Ground                                    |
| E   | 0.35 L-GN/WH | 5723    | Ignition Mode Switch Mode Voltage         |
| F   | 0.35 L-GN    | 5724    | Ignition Mode Switch Mode Control         |
| G   | 0.35 PK      | 5722    | Ignition Mode Switch LED Supply Voltage   |
| H   | 0.35 OG      | 5721    | Ignition Mode Switch Off LED Signal       |
| J   | 0.35 L-GN    | 5720    | Ignition Mode Switch Accessory LED Signal |
| K   | 0.35 L-BU    | 5726    | Ignition Mode Switch Mode Control Backup  |

**Inflatable Restraint Front End Sensor - Left (LS3) -**  
**Inflatable Restraint Front End Sensor - Left (LS3)**



### Inflatable Restraint Front End Sensor - Left (LS3)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15356725
- Service: 88986455
- Description: 2-Way F GT 150 Series Sealed (YE)

#### Terminal Part Information

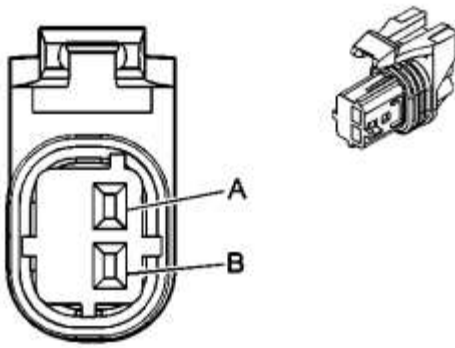
- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Inflatable Restraint Front End Sensor - Left (LS3)

| Pin | Wire      | Circuit | Function                        |
|-----|-----------|---------|---------------------------------|
| A   | 0.8 BK/WH | 1851    | Front End Sensor Signal - Left  |
| B   | 0.8 YE    | 1834    | Front End Sensor Voltage - Left |

### Inflatable Restraint Front End Sensor - Left (LS7) - Inflatable Restraint Front End Sensor - Left (LS7)

Inflatable Restraint Front End Sensor - Left (LS7)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15356726
- Service: 15306362
- Description: 2-Way F GT 150 Series Sealed (YE)

#### Terminal Part Information

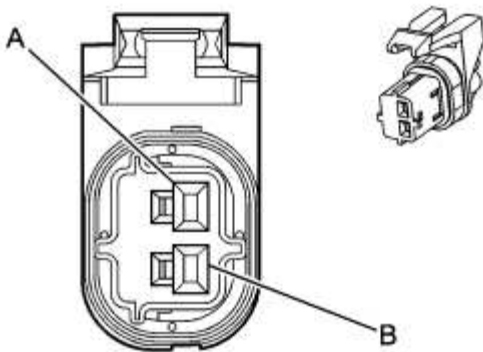
- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Inflatable Restraint Front End Sensor - Left (LS7)

| Pin | Wire      | Circuit | Function                        |
|-----|-----------|---------|---------------------------------|
| A   | 0.8 BK/WH | 1851    | Front End Sensor Signal - Left  |
| B   | 0.8 YE    | 1834    | Front End Sensor Voltage - Left |

#### Inflatable Restraint Front End Sensor - Right (LS3) - Inflatable Restraint Front End Sensor - Right (LS3)

Inflatable Restraint Front End Sensor - Right (LS3)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15356725
- Service: 88986455
- Description: 2-Way F GT 150 Series Sealed (YE)

#### Terminal Part Information

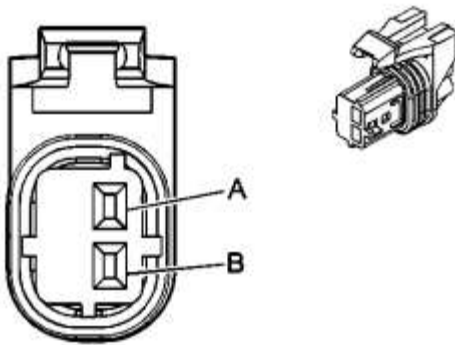
- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Inflatable Restraint Front End Sensor - Right (LS3)

| Pin | Wire   | Circuit | Function                         |
|-----|--------|---------|----------------------------------|
| A   | 0.8 GY | 2260    | Front End Sensor Signal - Right  |
| B   | 0.8 YE | 2160    | Front End Sensor Voltage - Right |

#### Inflatable Restraint Front End Sensor - Right (LS7) - Inflatable Restraint Front End Sensor - Right (LS7)

Inflatable Restraint Front End Sensor - Right (LS7)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15356726
- Service: 15306362
- Description: 2-Way F GT 150 Series Sealed (YE)

#### Terminal Part Information

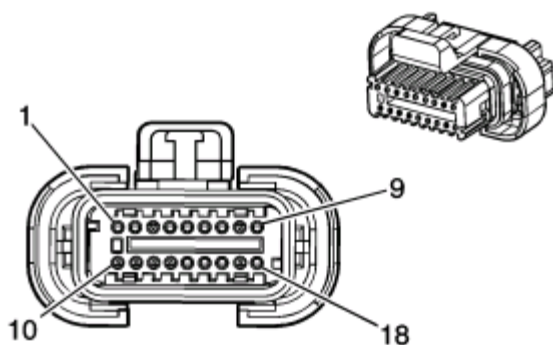
- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Inflatable Restraint Front End Sensor - Right (LS7)

| Pin | Wire   | Circuit | Function                         |
|-----|--------|---------|----------------------------------|
| A   | 0.8 GY | 2260    | Front End Sensor Signal - Right  |
| B   | 0.8 YE | 2160    | Front End Sensor Voltage - Right |

#### Inflatable Restraint Front Passenger Presence System (PPS) Module - Inflatable Restraint Front Passenger Presence System (PPS) Module

Inflatable Restraint Front Passenger Presence System (PPS) Module



 [Click here for full size](#)

### Connector Part Information

- OEM: 15431682
- Service: See Catalog
- Description: 18-Way F Micro-Pack 100W Series Sealed (BK)

### Terminal Part Information

- Terminal/Tray: Service with Terminated Lead
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

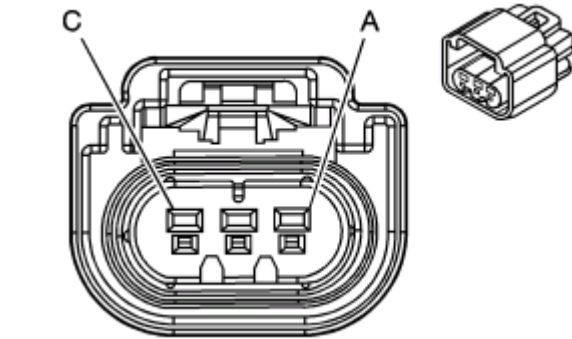
## Inflatable Restraint Front Passenger Presence System (PPS) Module

| Pin   | Wire       | Circuit | Function                                |
|-------|------------|---------|-----------------------------------------|
| 1     | 0.35 TN/BK | 723     | Passenger Air Bag On Indicator Control  |
| 2     | 0.35 PK    | 353     | Passenger Air Bag Off Indicator Control |
| 3     | —          | —       | Not Available                           |
| 4     | 0.35 PU    | 5611    | Belt Tension Sensor Signal              |
| 5     | 0.35 BK/WH | 1751    | Ground                                  |
| 6     | 0.35 YE    | 5608    | Pressure Sensor Signal                  |
| 7     | 0.35 D-GN  | 5609    | Pressure Sensor Voltage Reference       |
| 8     | —          | —       | Not Available                           |
| 9     | 0.35 PK    | 739     | Ignition 1 Voltage                      |
| 10-13 | —          | —       | Not Available                           |
| 14    | 0.35 TN    | 5613    | Low Reference                           |
| 15    | 0.35 GY    | 5610    | Low Reference                           |

|    |           |      |                                       |
|----|-----------|------|---------------------------------------|
| 16 | 0.35 L-BU | 5612 | Belt Tension Sensor Voltage Reference |
| 17 | —         | —    | Not Available                         |
| 18 | 0.35 PK   | 5018 | Occupant Sensor Serial Data           |

## Inflatable Restraint Front Passenger Presence System (PPS) Sensor - 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: 15422250
- Service: 88987995
- Description: 3-Way F GT 150 Series (GY)

### Terminal Part Information

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

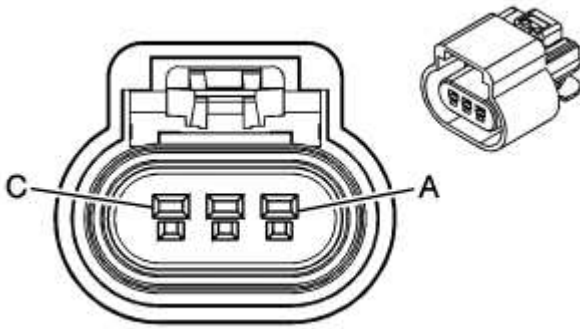
## Inflatable Restraint Front Passenger Presence System (PPS) Sensor

| Pin | Wire      | Circuit | Function                          |
|-----|-----------|---------|-----------------------------------|
| A   | 0.35 D-GN | 5609    | Pressure Sensor Voltage Reference |
| B   | 0.35 YE   | 5608    | Pressure Sensor Signal            |
| C   | 0.35 GY   | 5610    | Low Reference                     |

## Inflatable Restraint Seat Belt Tension Sensor - Passenger -

## Inflatable Restraint Seat Belt Tension Sensor - Passenger

Inflatable Restraint Seat Belt Tension Sensor - Passenger



 [Click here for full size](#)

### Connector Part Information

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

### Terminal Part Information

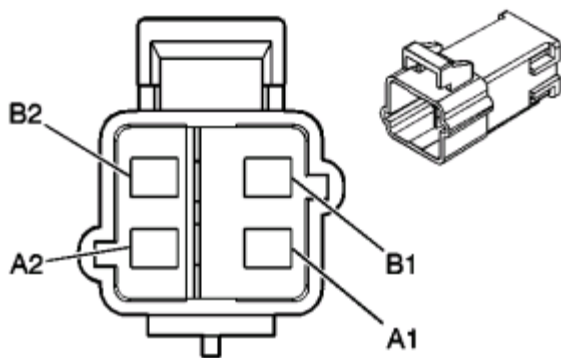
- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## Inflatable Restraint Seat Belt Tension Sensor - Passenger

| Pin | Wire      | Circuit | Function                              |
|-----|-----------|---------|---------------------------------------|
| A   | 0.35 L-BU | 5612    | Belt Tension Sensor Voltage Reference |
| B   | 0.35 TN   | 5613    | Low Reference                         |
| C   | 0.35 PU   | 5611    | Belt Tension Sensor Signal            |

## Inflatable Restraint I/P Module - Inflatable Restraint I/P Module

Inflatable Restraint I/P Module



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15336476
- Service: 15306363
- Description: 4-Way M Metri-Pack 280 Series (YE)

#### Terminal Part Information

- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 12094430/J-35616-5 (PU)

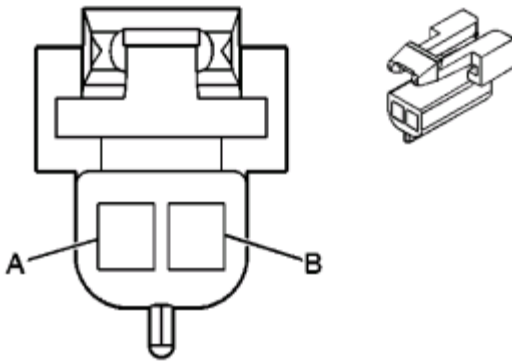
#### Inflatable Restraint I/P Module

| Pin | Wire   | Circuit | Function                          |
|-----|--------|---------|-----------------------------------|
| A1  | 0.5 YE | 3025    | I/P Module Stage 1 - High Control |
| A2  | 0.5 OG | 3024    | I/P Module Stage 1 - Low Control  |
| B1  | 0.5 GY | 3027    | I/P Module Stage 2 - High Control |
| B2  | 0.5 PU | 3026    | I/P Module Stage 2 - Low Control  |

#### Inflatable Restraint Seat Position Sensor - Left - Inflatable Restraint Seat Position Sensor - Left

Inflatable Restraint Seat Position Sensor - Left





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#### Connector Part Information

- OEM: 12052832
- Service: 12101825
- Description: 2-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

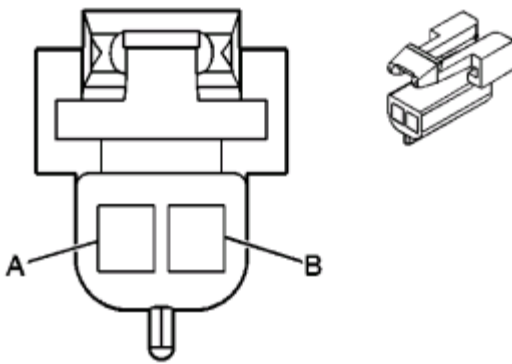
- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Inflatable Restraint Seat Position Sensor - Left

| Pin | Wire      | Circuit | Function                         |
|-----|-----------|---------|----------------------------------|
| A   | 0.35 L-GN | 5055    | Left Seat Position Sensor Signal |
| B   | 0.35 PK   | 5057    | Low Reference                    |

#### Inflatable Restraint Seat Position Sensor - Right - Inflatable Restraint Seat Position Sensor - Right

Inflatable Restraint Seat Position Sensor - Right



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12052832
- Service: 12101825
- Description: 2-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

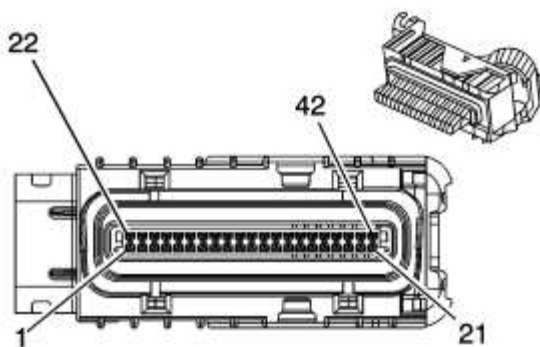
- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Inflatable Restraint Seat Position Sensor - Right

| Pin | Wire      | Circuit | Function                          |
|-----|-----------|---------|-----------------------------------|
| A   | 0.35 L-BU | 5056    | Right Seat Position Sensor Signal |
| B   | 0.35 PK   | 5057    | Low Reference                     |

#### Inflatable Restraint Sensing and Diagnostic Module (SDM) - Inflatable Restraint Sensing and Diagnostic Module (SDM)

Inflatable Restraint Sensing and Diagnostic Module (SDM)



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### Connector Part Information

- OEM: 15453749
- Service: 88986456
- Description: 42-Way F Micro-Pack 100W Series Sealed (GY)

### Terminal Part Information

- Pins: 1, 3, 5-17, 22, 24-38
- Terminal/Tray: Service with Terminated Lead
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 12122523/J-35616-6 (BN)
- Pins: 2, 4
- Terminal/Tray: Service with Terminated Lead
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Inflatable Restraint Sensing and Diagnostic Module (SDM)

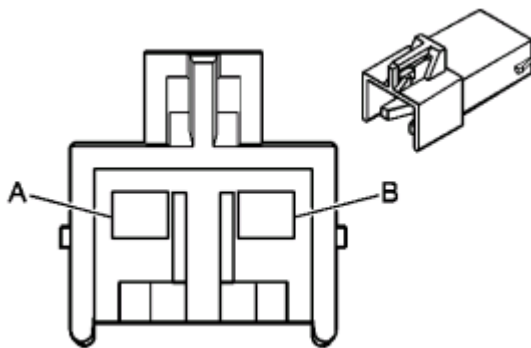
| Pin | Wire       | Circuit | Function                                                   |
|-----|------------|---------|------------------------------------------------------------|
| 1   | 0.5 PK     | 739     | Ignition 1 Voltage                                         |
| 2   | 0.35 PK    | 5018    | Occupant Sensor Serial Data                                |
| 3   | 0.35 TN/WH | 238     | Left Seat Belt Switch Signal                               |
| 4   | 0.35 OG    | 1362    | Seat Belt Switch Signal - Right                            |
| 5   | 0.35 YE    | 1834    | SIR Forward Sensor Signal (1)                              |
| 6   | 0.35 YE    | 2160    | SIR Forward Sensor Signal (2)                              |
| 7   | 0.35 YE    | 2131    | Left Front Side Impact Sensing Module Supply Voltage (AJ7) |

|       |               |      |                                                             |
|-------|---------------|------|-------------------------------------------------------------|
| 8     | 0.35 TN       | 2133 | Right Front Side Impact Sensing Module Supply Voltage (AJ7) |
| 9     | 0.5 YE        | 3025 | Passenger I/P Module Stage 1 High Control                   |
| 10    | 0.5 OG        | 3024 | Passenger I/P Module Stage 1 Low Control                    |
| 11    | 0.35 PK       | 5057 | Low Reference                                               |
| 12    | 0.5 BN        | 3020 | Steering Wheel Module Stage 1 Low Control                   |
| 13    | 0.5 TN        | 3021 | Steering Wheel Module Stage 1 High Control                  |
| 14    | 0.5<br>TN/WH  | 2135 | Right Front Side Impact Module High Control (AJ7)           |
| 15    | 0.5 L-GN      | 2136 | Right Front Side Impact Module Low Control (AJ7)            |
| 16    | 0.5<br>YE/BK  | 2138 | Left Front Side Impact Module Low Control (AJ7)             |
| 17    | 0.5 BN        | 2137 | Left Front Side Impact Module High Control (AJ7)            |
| 18-21 | —             | —    | Not Used                                                    |
| 22    | 0.35<br>D-BU  | 1128 | Class 2 Serial Data                                         |
| 23    | —             | —    | Not Used                                                    |
| 24    | 0.35<br>L-GN  | 5055 | Left Seat Position Switch Signal                            |
| 25    | 0.35<br>L-BU  | 5056 | Right Seat Position Switch Signal                           |
| 26    | 0.35<br>BK/WH | 1851 | Front End Sensor - Signal - Left                            |
| 27    | 0.35 GY       | 2260 | Low Reference                                               |
| 28    | 0.35 WH       | 2132 | Left Front Side Impact Sensing Module Signal (AJ7)          |
| 29    | 0.35<br>D-GN  | 2134 | Right Front Side Impact Sensing Module Signal (AJ7)         |
| 30    | 0.5 GY        | 3027 | Passenger I/P Module Stage 2 High Control                   |
| 31    | 0.5 PU        | 3026 | Passenger I/P Module Stage 2 Low Control                    |
| 32    | 0.5<br>BK/WH  | 1751 | Ground                                                      |
| 33    | 0.5 PK        | 3022 | Steering Wheel Module Stage 2 Low Control                   |
| 34    | 0.5 WH        | 3023 | Steering Wheel Module Stage 2 High Control                  |
| 35    | 0.5 L-GN      | 2116 | Right Seat Belt Pretensioner High Control                   |
| 36    | 0.5 OG        | 2117 | Right Seat Belt Pretensioner Low Control                    |
| 37    | 0.5<br>OG/BK  | 2119 | Left Seat Belt Pretensioner Low Control                     |

|       |              |      |                                          |
|-------|--------------|------|------------------------------------------|
| 38    | 0.5<br>TN/WH | 2118 | Left Seat Belt Pretensioner High Control |
| 39-42 | —            | —    | Not Used                                 |

## **Inflatable Restraint Side Impact Module - Left (AJ7) - Inflatable Restraint Side Impact Module - Left (AJ7)**

Inflatable Restraint Side Impact Module - Left (AJ7)



[Click here for full size](#)

### **Connector Part Information**

- OEM: 12110288
- Service: See Catalog
- Description: 2-Way M Metri-Pack 280 Series (YE)

### **Terminal Part Information**

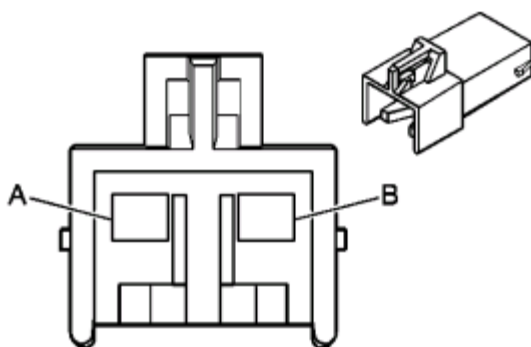
- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## **Inflatable Restraint Side Impact Module - Left (AJ7)**

| Pin | Wire        | Circuit | Function                                   |
|-----|-------------|---------|--------------------------------------------|
| A   | 0.5 D-GN/RD | 2137    | Left Front Side Impact Module High Control |
| B   | 0.5 WH/RD   | 2138    | Left Front Side Impact Module Low Control  |

## **Inflatable Restraint Side Impact Module - Right (AJ7) - Inflatable Restraint Side Impact Module - Right (AJ7)**

Inflatable Restraint Side Impact Module - Right (AJ7)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12110288
- Service: See Catalog
- Description: 2-Way M Metri-Pack 280 Series (YE)

#### Terminal Part Information

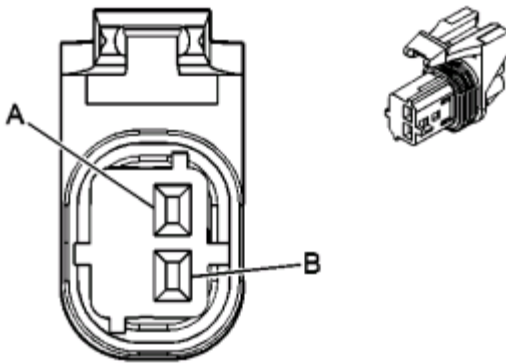
- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Inflatable Restraint Side Impact Module - Right (AJ7)

| Pin | Wire        | Circuit | Function                                    |
|-----|-------------|---------|---------------------------------------------|
| A   | 0.5 D-GN/RD | 2135    | Right Front Side Impact Module High Control |
| B   | 0.5 WH/RD   | 2136    | Right Front Side Impact Module Low Control  |

#### Inflatable Restraint Side Impact Sensor (SIS) - Left (LS3 with AJ7) - Inflatable Restraint Side Impact Sensor (SIS) - Left (LS3 with AJ7)

Inflatable Restraint Side Impact Sensor (SIS) - Left (LS3 with AJ7)



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#### Connector Part Information

- OEM: 15356723
- Service: 15306439
- Description: 2-Way F GT 150 Series Sealed (YE)

#### Terminal Part Information

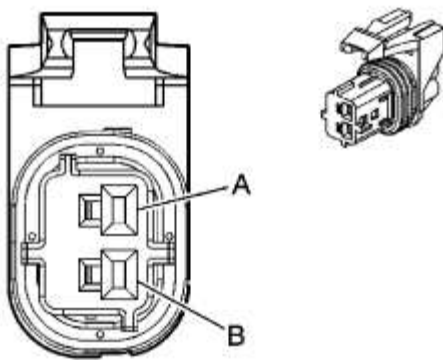
- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Inflatable Restraint Side Impact Sensor (SIS) - Left (LS3 with AJ7)

| Pin | Wire    | Circuit | Function                                  |
|-----|---------|---------|-------------------------------------------|
| A   | 0.35 WH | 2132    | Side Impact Sensing Module Left - Signal  |
| B   | 0.35 YE | 2131    | Side Impact Sensing Module Left - Voltage |

#### Inflatable Restraint Side Impact Sensor (SIS) - Left (LS7 with AJ7) - Inflatable Restraint Side Impact Sensor (SIS) - Left (LS7 with AJ7)

Inflatable Restraint Side Impact Sensor (SIS) - Left (LS7 with AJ7)



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#### Connector Part Information

- OEM: 15356727
- Service: 88953129
- Description: 2-Way F GT 150 Series Sealed (YE)

#### Terminal Part Information

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

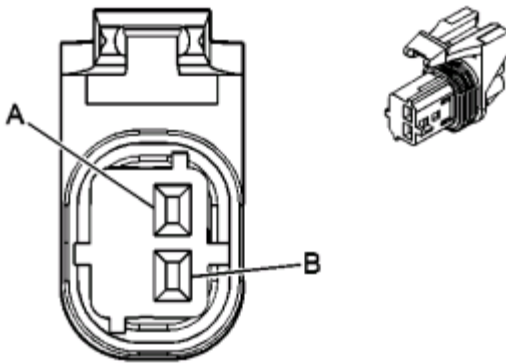
#### Inflatable Restraint Side Impact Sensor (SIS) - Left (LS7 with AJ7)

| Pin | Wire    | Circuit | Function                                  |
|-----|---------|---------|-------------------------------------------|
| A   | 0.35 WH | 2132    | Side Impact Sensing Module Left - Signal  |
| B   | 0.35 YE | 2131    | Side Impact Sensing Module Left - Voltage |

#### Inflatable Restraint Side Impact Sensor (SIS) - Right (LS3 with AJ7) - Inflatable Restraint Side Impact Sensor (SIS) - Right (LS3 with AJ7)

Inflatable Restraint Side Impact Sensor (SIS) - Right (LS3 with AJ7)





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#### Connector Part Information

- OEM: 15356723
- Service: 15306439
- Description: 2-Way F GT 150 Series Sealed (YE)

#### Terminal Part Information

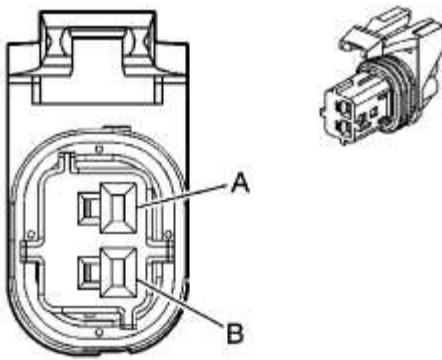
- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Inflatable Restraint Side Impact Sensor (SIS) - Right (LS3 with AJ7)

| Pin | Wire      | Circuit | Function                                   |
|-----|-----------|---------|--------------------------------------------|
| A   | 0.35 D-GN | 2134    | Side Impact Sensing Module Right - Signal  |
| B   | 0.35 TN   | 2133    | Side Impact Sensing Module Right - Voltage |

#### Inflatable Restraint Side Impact Sensor (SIS) - Right (LS7 with AJ7) - Inflatable Restraint Side Impact Sensor (SIS) - Right (LS7 with AJ7)

Inflatable Restraint Side Impact Sensor (SIS) - Right (LS7 with AJ7)



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#### Connector Part Information

- OEM: 15356727
- Service: 88953129
- Description: 2-Way F GT 150 Series Sealed (YE)

#### Terminal Part Information

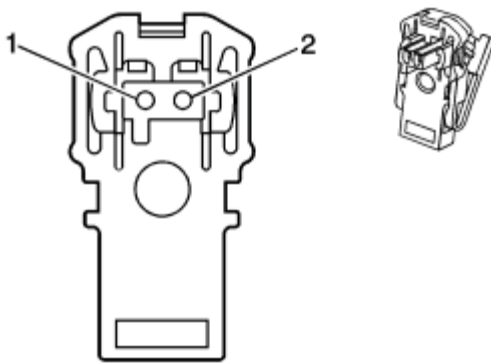
- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Inflatable Restraint Side Impact Sensor (SIS) - Right (LS7 with AJ7)

| Pin | Wire      | Circuit | Function                                   |
|-----|-----------|---------|--------------------------------------------|
| A   | 0.35 D-GN | 2134    | Side Impact Sensing Module Right - Signal  |
| B   | 0.35 TN   | 2133    | Side Impact Sensing Module Right - Voltage |

#### Inflatable Restraint Steering Wheel Module X1 - Inflatable Restraint Steering Wheel Module X1

Inflatable Restraint Steering Wheel Module X1



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#### Connector Part Information

- OEM: CA-252-92-4-R
- Service: See Catalog
- Description: 2-Way F (GY)

#### Terminal Part Information

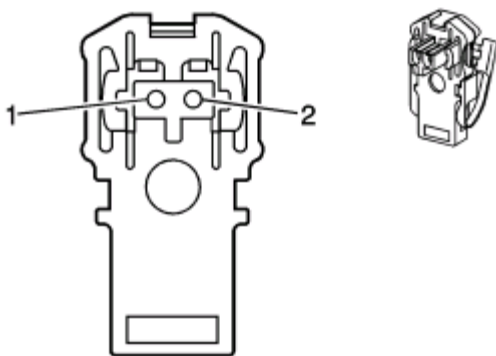
- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Inflatable Restraint Steering Wheel Module X1

| Pin | Wire   | Circuit | Function                                     |
|-----|--------|---------|----------------------------------------------|
| 1   | 0.5 TN | —       | Steering Wheel Module Stage 1 - High Control |
| 2   | 0.5 BN | —       | Steering Wheel Module Stage 1 - Low Control  |

#### Inflatable Restraint Steering Wheel Module X2 - Inflatable Restraint Steering Wheel Module X2

Inflatable Restraint Steering Wheel Module X2



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#### Connector Part Information

- OEM: CA-252-92-5-Q
- Service: See Catalog
- Description: 2-Way F (PK)

#### Terminal Part Information

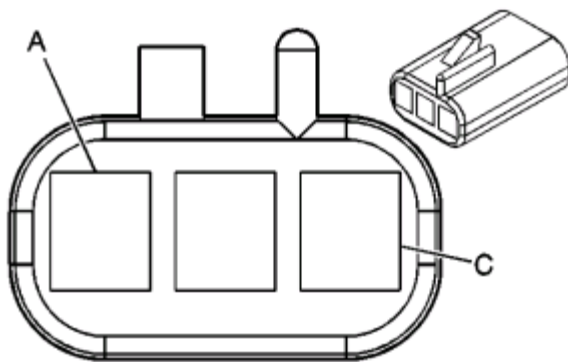
- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Inflatable Restraint Steering Wheel Module X2

| Pin | Wire   | Circuit | Function                                     |
|-----|--------|---------|----------------------------------------------|
| 1   | 0.5 WH | —       | Steering Wheel Module Stage 2 - High Control |
| 2   | 0.5 PK | —       | Steering Wheel Module Stage 2 - Low Control  |

#### Input and Output Speed Sensor (ISS/OSS) - Input and Output Speed Sensor (ISS/OSS)

Input and Output Speed Sensor (ISS/OSS)



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#### Connector Part Information

- OEM: 12064758
- Service: 12117320
- Description: 3-Way F Metri-Pack 150 Series (NA)

#### Terminal Part Information

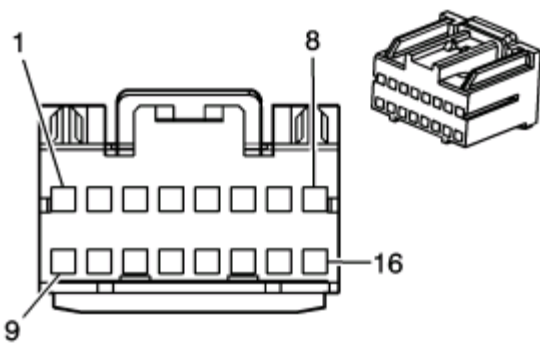
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Input and Output Speed Sensor (ISS/OSS)

| Pin | Wire    | Circuit | Function                         |
|-----|---------|---------|----------------------------------|
| A   | 0.35 GN | —       | Input Speed Sensor (ISS) Signal  |
| B   | 0.35 RD | —       | Low Reference                    |
| C   | 0.35 BK | —       | Output Speed Sensor (OSS) Signal |

#### Inside Rearview Mirror - Inside Rearview Mirror

Inside Rearview Mirror



[Click here for full size](#)

### Connector Part Information

- OEM: 15441350
- Service: 15306351
- Description: 16-Way F Micro 100A Series (BK)

### Terminal Part Information

- Pins: 1, 3, 4, 5, 6, 8, 9, 13, 16
- Terminal/Tray: 15355438/20
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-12 (BU)
- Pins: 11, 12, 14, 15
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

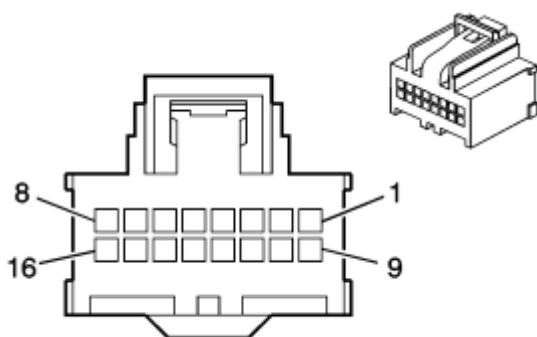
### Inside Rearview Mirror

| Pin | Wire       | Circuit | Function                                |
|-----|------------|---------|-----------------------------------------|
| 1   | 0.35 WH    | 156     | Courtesy Lamp Low Control               |
| 2   | —          | —       | Not Used                                |
| 3   | 0.35 TN/BK | 723     | Passenger Air Bag On Indicator Control  |
| 4   | 0.35 PK    | 353     | Passenger Air Bag Off Indicator Control |
| 5   | 0.35 GY    | 1690    | Automatic Day/Night Mirror Signal (DD8) |
| 6   | 0.35 OG    | 1732    | Courtesy Lamps Supply Voltage           |
| 7   | —          | —       | Not Used                                |
| 8   | 0.35 BK    | 1550    | Ground                                  |
| 9   | 0.35 L-GN  | 24      | Backup Lamps Supply Voltage (DD8)       |

|    |              |      |                               |
|----|--------------|------|-------------------------------|
| 10 | —            | —    | Not Used                      |
| 11 | 0.35 D-GN/WH | 2514 | Keypad Signal (UE1)           |
| 12 | 0.35 L-GN/BK | 2515 | Keypad Supply Voltage (UE1)   |
| 13 | 0.35 PK      | 639  | Ignition 1 Voltage (DD8)      |
| 14 | 0.35 YE/BK   | 2516 | Keypad Green LED Signal (UE1) |
| 15 | 0.35 BN/WH   | 2517 | Keypad Red LED Signal (UE1)   |
| 16 | 0.35 PK      | 1691 | Low Reference (DD8)           |

## Instrument Panel Cluster (IPC) X1 - Instrument Panel Cluster (IPC) X1

Instrument Panel Cluster (IPC) X1



[Click here for full size](#)

### Connector Part Information

- OEM: 7283-9076-30
- Service: See Catalog
- Description: 16-Way F Kaizen 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)

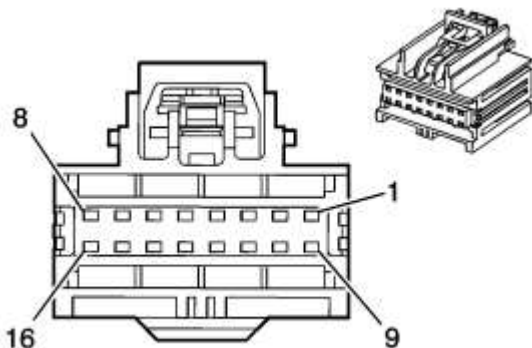
## Instrument Panel Cluster (IPC) X1

| Pin | Wire       | Circuit | Function                                 |
|-----|------------|---------|------------------------------------------|
| 1   | 0.35 BN/WH | 230     | Instrument Panel Lamp Dimming Control    |
| 2   | 0.35 BN    | 1244    | Instrument Panel Lamp Supply Voltage - 2 |

|       |                 |      |                                                     |
|-------|-----------------|------|-----------------------------------------------------|
| 3-4   | —               | —    | Not Used                                            |
| 5     | 0.35 GY         | 1036 | Class 2 Serial Data                                 |
| 6     | —               | —    | Not Used                                            |
| 7     | 0.35 TN         | 470  | Low Reference                                       |
| 8     | —               | —    | Not Used                                            |
| 9     | 0.35 BN         | 27   | Hazard Flasher Signal                               |
| 10-11 | —               | —    | Not Used                                            |
| 12    | 0.35<br>D-BU/WH | 1495 | Instrument Panel Lamps Dimmer Switch Down<br>Signal |
| 13    | 0.35 D-GN       | 44   | Instrument Panel Lamps Dimmer Switch Up<br>Signal   |
| 14    | 0.35 PK/BK      | 1597 | Dome Lamp Switch Signal                             |
| 15    | —               | —    | Not Used                                            |
| 16    | 0.35<br>D-GN/WH | 357  | Oil Temperature Sensor Signal                       |

## Instrument Panel Cluster (IPC) X2 - Instrument Panel Cluster (IPC) X2

Instrument Panel Cluster (IPC) X2



[Click here for full size](#)

### Connector Part Information

- OEM: 7283-9077-40
- Service: 89047195
- Description: 16-Way F 64 Series (L-GY)

### Terminal Part Information

- Terminal/Tray: 15359541/4
- Core/Insulation Crimp: M/M



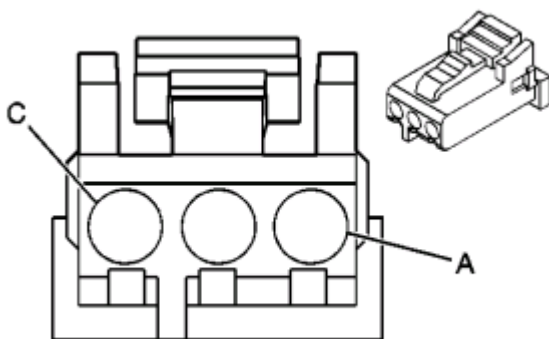
- Release Tool/Test Probe: 15381651-2/J-35616-64B (L-BU)

## Instrument Panel Cluster (IPC) X2

| Pin  | Wire            | Circuit | Function                                       |
|------|-----------------|---------|------------------------------------------------|
| 1    | 0.5 BK          | 1450    | Ground                                         |
| 2    | —               | —       | Not Used                                       |
| 3    | 0.5 RD/WH       | 1140    | Battery Positive Voltage                       |
| 4    | —               | —       | Not Used                                       |
| 5    | 0.35 WH         | 121     | Engine Speed Signal                            |
| 6    | 0.35<br>D-GN/WH | 817     | Vehicle Speed Signal                           |
| 7    | 0.35 BN         | 9       | Park Lamp Supply Voltage                       |
| 8    | 0.35 TN/WH      | 99      | Windshield Washer Fluid Level Sensor<br>Signal |
| 9-13 | —               | —       | Not Used                                       |
| 14   | 0.35 BN/WH      | 419     | Malfunction Indicator Lamp (MIL) Control       |
| 15   | 0.35 L-BU       | 1134    | Park Brake Switch Signal                       |
| 16   | 0.35 PU         | 333     | Brake Fluid Level Sensor Signal                |

## Intrusion Sensor (UA2) - Intrusion Sensor (UA2)

Intrusion Sensor (UA2)



 [Click here for full size](#)

## Connector Part Information

- OEM: 15326747
- Service: 15306385
- Description: 3-Way F Micro-Pack (BK)

### Terminal Part Information

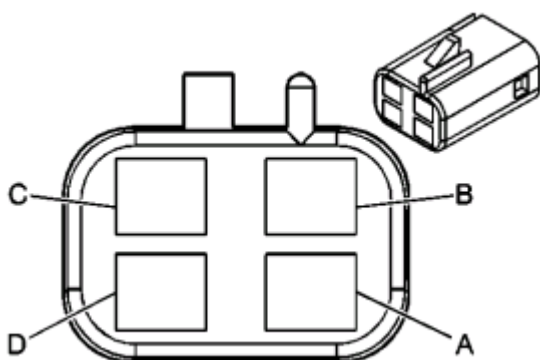
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Intrusion Sensor (UA2)

| Pin | Wire       | Circuit | Function                         |
|-----|------------|---------|----------------------------------|
| A   | 0.35 RD/WH | 240     | Battery Positive Voltage         |
| B   | 0.35 PU    | 5059    | Intrusion Sensor Alarm On Signal |
| C   | 0.35 YE    | 5058    | Intrusion Sensor Armed Signal    |

### Intrusion Sensor Defeat Switch (UA2) - Intrusion Sensor Defeat Switch (UA2)

Intrusion Sensor Defeat Switch (UA2)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12047785
- Service: 12102900
- Description: 4-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

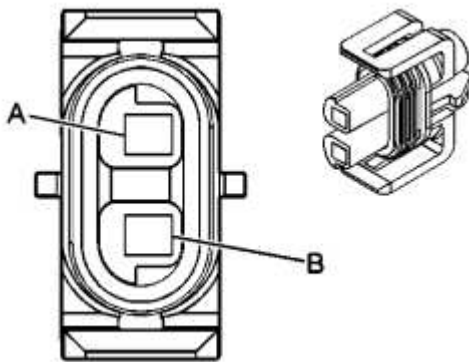
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

## Intrusion Sensor Defeat Switch (UA2)

| Pin | Wire    | Circuit | Function                               |
|-----|---------|---------|----------------------------------------|
| A   | 0.35 BK | 1550    | Ground                                 |
| B-C | —       | —       | Not Used                               |
| D   | 0.35 PK | 5068    | Intrusion Sensor Switch Disable Signal |

## Keyless Entry Antenna - Back Up - Keyless Entry Antenna - Back Up

Keyless Entry Antenna - Back Up



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### Connector Part Information

- OEM: 12162017
- Service: 12101937
- Description: 2-Way F Metri-Pack 150 Series (GY)

### Terminal Part Information

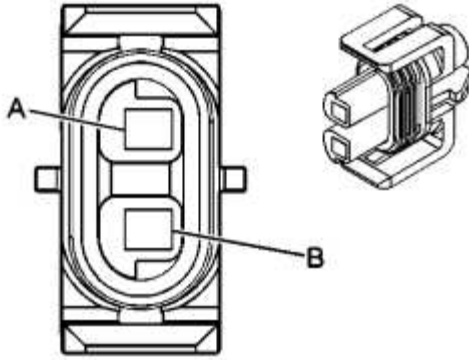
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

## Keyless Entry Antenna - Back Up

| Pin | Wire       | Circuit | Function                               |
|-----|------------|---------|----------------------------------------|
| A   | 0.35 OG    | 5708    | Keyless Entry Antenna - Back Up Signal |
| B   | 0.35 OG/BK | 5712    | Low Reference                          |

## Keyless Entry Antenna - Left - Keyless Entry Antenna - Left

## Keyless Entry Antenna - Left



 [Click here for full size](#)

### Connector Part Information

- OEM: 12162017
- Service: 12101937
- Description: 2-Way F Metri-Pack 150 Series (GY)

### Terminal Part Information

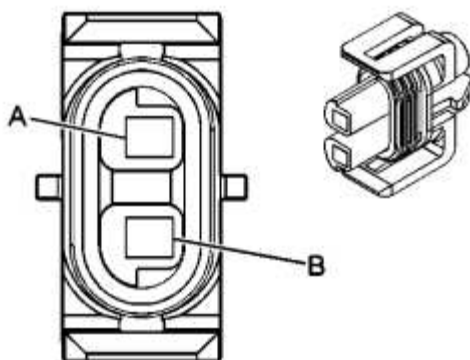
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

## Keyless Entry Antenna - Left

| Pin | Wire    | Circuit | Function                            |
|-----|---------|---------|-------------------------------------|
| A   | 0.35 PU | 218     | Keyless Entry Antenna - Left Signal |
| B   | 0.35 TN | 219     | Low Reference                       |

## Keyless Entry Antenna - Rear Compartment - Keyless Entry Antenna - Rear Compartment

Keyless Entry Antenna - Rear Compartment



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12162017
- Service: 12101937
- Description: 2-Way F Metri-Pack 150 Series (GY)

#### Terminal Part Information

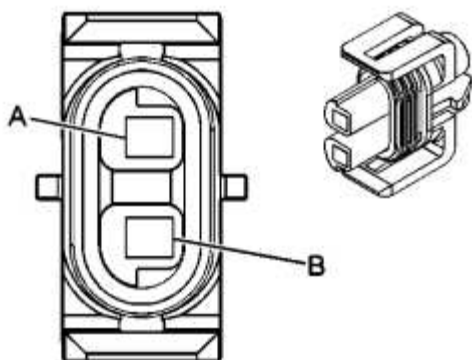
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Keyless Entry Antenna - Rear Compartment

| Pin | Wire       | Circuit | Function                                        |
|-----|------------|---------|-------------------------------------------------|
| A   | 0.35 PK    | 5709    | Keyless Entry Antenna - Rear Compartment Signal |
| B   | 0.35 PK/BK | 5713    | Low Reference                                   |

#### Keyless Entry Antenna - Right - Keyless Entry Antenna - Right

Keyless Entry Antenna - Right



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12162017
- Service: 12101937
- Description: 2-Way F Metri-Pack 150 Series (GY)

#### Terminal Part Information

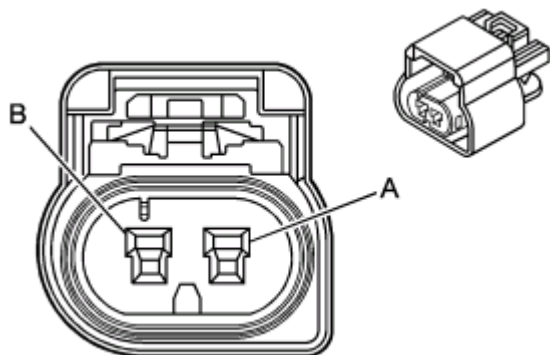
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Keyless Entry Antenna - Right

| Pin | Wire         | Circuit | Function                             |
|-----|--------------|---------|--------------------------------------|
| A   | 0.35 L-GN    | 5707    | Keyless Entry Antenna - Right Signal |
| B   | 0.35 L-GN/BK | 5711    | Low Reference                        |

#### Knock Sensor (KS) 1 - Knock Sensor (KS) 1

Knock Sensor (KS) 1



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### Connector Part Information

- OEM: 15374222
- Service: 88988142
- Description: 2-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

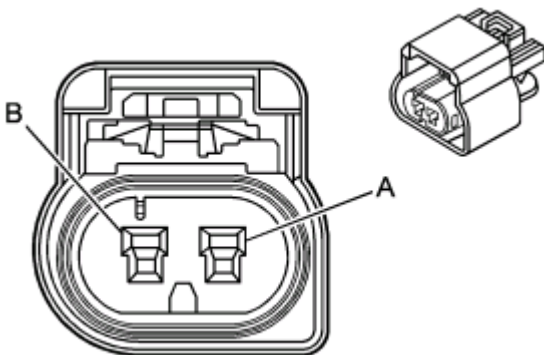
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Knock Sensor (KS) 1

| Pin | Wire      | Circuit | Function              |
|-----|-----------|---------|-----------------------|
| A   | 0.35 D-BU | 496     | Knock Sensor 1 Signal |
| B   | 0.35 GY   | 1716    | Knock Sensor 1 Signal |

### Knock Sensor (KS) 2 - Knock Sensor (KS) 2

Knock Sensor (KS) 2



 [Click here for full size](#)

### Connector Part Information

- OEM: 15374222
- Service: 88988142
- Description: 2-Way F GT 150 Series, Sealed (BK)

**Terminal Part Information**

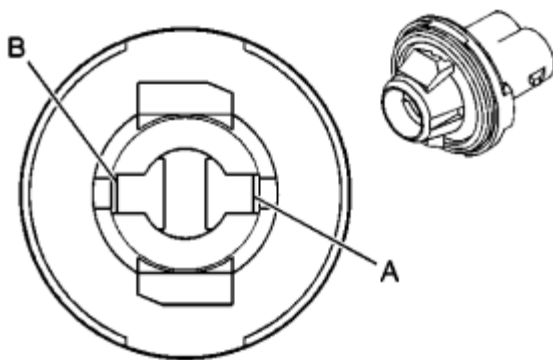
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

**Knock Sensor (KS) 2**

| Pin | Wire      | Circuit | Function              |
|-----|-----------|---------|-----------------------|
| A   | 0.35 L-BU | 1876    | Knock Sensor 2 Signal |
| B   | 0.35 GY   | 2303    | Knock Sensor 2 Signal |

**License Lamp - Left - License Lamp - Left**

License Lamp - Left



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**Connector Part Information**

- OEM: 12110053
- Service: 88986416
- Description: 2-Way F Lamp Socket Wedge Base W2 (GY)

**Terminal Part Information**

- Terminal/Tray: 12124471/5
- Core/Insulation Crimp: 2/3
- Release Tool/Test Probe: 12094430/Not Applicable

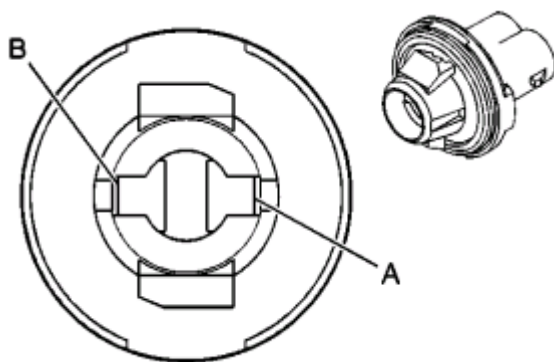
**License Lamp - Left**



| Pin | Wire    | Circuit | Function                 |
|-----|---------|---------|--------------------------|
| A   | 0.5 BN  | 9       | Park Lamp Supply Voltage |
| B   | 0.35 BK | 750     | Ground                   |

## License Lamp - Right - License Lamp - Right

License Lamp - Right



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### Connector Part Information

- OEM: 12110053
- Service: 88986416
- Description: 2-Way F Lamp Socket Wedge Base W2 (GY)

### Terminal Part Information

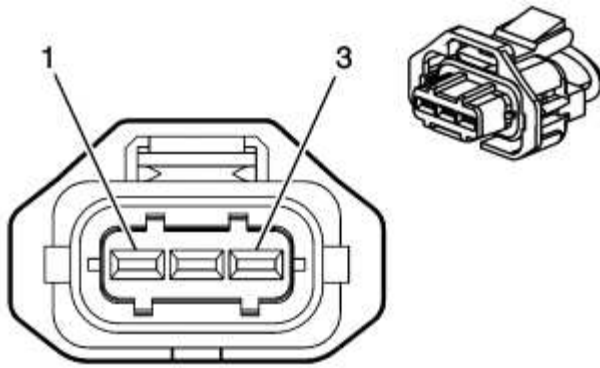
- Terminal/Tray: 12124471/5
- Core/Insulation Crimp: 2/3
- Release Tool/Test Probe: 12094430/Not Applicable

## License Lamp - Right

| Pin | Wire    | Circuit | Function                 |
|-----|---------|---------|--------------------------|
| A   | 0.5 BN  | 9       | Park Lamp Supply Voltage |
| B   | 0.35 BK | 750     | Ground                   |

## Manifold Absolute Pressure (MAP) Sensor (LS3) - Manifold Absolute Pressure (MAP) Sensor (LS3)

Manifold Absolute Pressure (MAP) Sensor (LS3)



 [Click here for full size](#)

#### Connector Part Information

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

#### Terminal Part Information

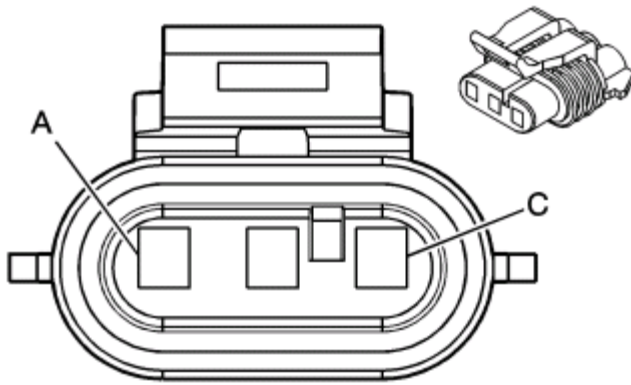
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Manifold Absolute Pressure (MAP) Sensor (LS3)

| Pin | Wire      | Circuit | Function                                       |
|-----|-----------|---------|------------------------------------------------|
| 1   | 0.5 GY    | 2704    | 5V                                             |
| 2   | 0.5 OG/BK | 469     | Low Reference                                  |
| 3   | 0.5 L-GN  | 432     | Manifold Absolute Pressure (MAP) Sensor Signal |

#### Manifold Absolute Pressure (MAP) Sensor (LS7) - Manifold Absolute Pressure (MAP) Sensor (LS7)

Manifold Absolute Pressure (MAP) Sensor (LS7)



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#### Connector Part Information

- OEM: 12129946
- Service: 88987997
- Description: 3-Way F Metri-Pack 150 Series, Sealed (GY)

#### Terminal Part Information

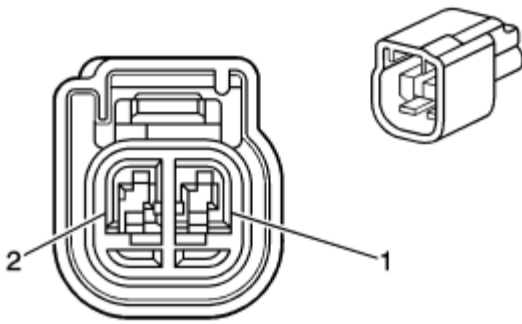
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Manifold Absolute Pressure (MAP) Sensor (LS7)

| Pin | Wire          | Circuit | Function                                          |
|-----|---------------|---------|---------------------------------------------------|
| A   | 0.35<br>OG/BK | 469     | Low Reference                                     |
| B   | 0.35 L-GN     | 432     | Manifold Absolute Pressure (MAP) Sensor<br>Signal |
| C   | 0.35 GY       | 2704    | 5V1                                               |

#### Marker Lamp - Left Front (without T90) - Marker Lamp - Left Front (without T90)

Marker Lamp - Left Front (without T90)



 [Click here for full size](#)

#### Connector Part Information

- OEM: E-5229
- Service: 88988059
- Description: 2-Way F Sleeve Assembly, Wire Connector (GY)

#### Terminal Part Information

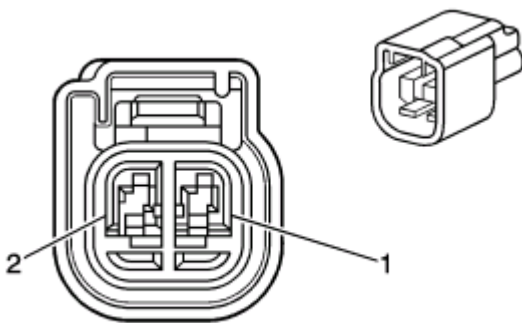
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

#### Marker Lamp - Left Front (without T90)

| Pin | Wire    | Circuit | Function                 |
|-----|---------|---------|--------------------------|
| 1   | 0.35 BK | 1350    | Ground                   |
| 2   | 0.5 BN  | 9       | Park Lamp Supply Voltage |

#### Marker Lamp - Left Rear - Marker Lamp - Left Rear

Marker Lamp - Left Rear



 [Click here for full size](#)

### Connector Part Information

- OEM: E-5229
- Service: 88988059
- Description: 2-Way F Sleeve Assembly, Wire Connector (GY)

### Terminal Part Information

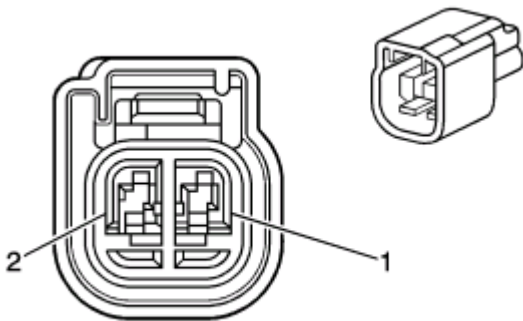
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

### Marker Lamp - Left Rear

| Pin | Wire    | Circuit | Function                 |
|-----|---------|---------|--------------------------|
| 1   | 0.35 BK | 750     | Ground                   |
| 2   | 0.5 BN  | 9       | Park Lamp Supply Voltage |

### Marker Lamp - Right Front (without T90) - Marker Lamp - Right Front (without T90)

Marker Lamp - Right Front (without T90)



 [Click here for full size](#)

### Connector Part Information

- OEM: E-5229
- Service: 88988059
- Description: 2-Way F Sleeve Assembly, Wire Connector (GY)

**Terminal Part Information**

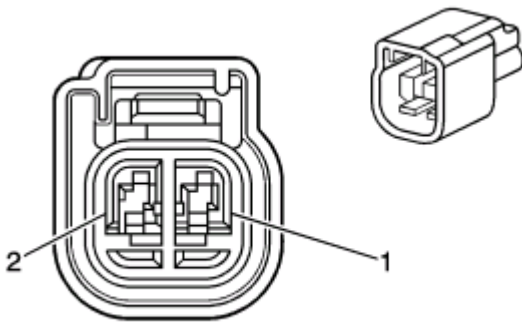
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

**Marker Lamp - Right Front (without T90)**

| Pin | Wire    | Circuit | Function                 |
|-----|---------|---------|--------------------------|
| 1   | 0.35 BK | 1250    | Ground                   |
| 2   | 0.5 BN  | 9       | Park Lamp Supply Voltage |

**Marker Lamp - Right Rear - Marker Lamp - Right Rear**

Marker Lamp - Right Rear



 [Click here for full size](#)

**Connector Part Information**

- OEM: E-5229
- Service: 88988059
- Description: 2-Way F Sleeve Assembly, Wire Connector (GY)

**Terminal Part Information**

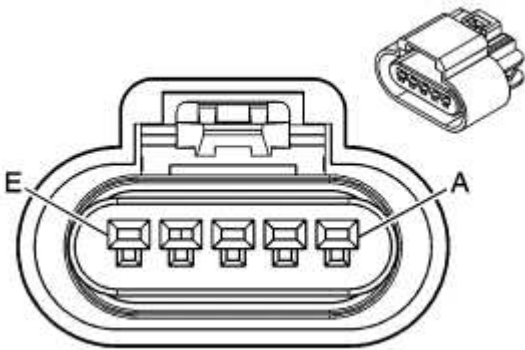
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

**Marker Lamp - Right Rear**

| Pin | Wire    | Circuit | Function                 |
|-----|---------|---------|--------------------------|
| 1   | 0.35 BK | 750     | Ground                   |
| 2   | 0.5 BN  | 9       | Park Lamp Supply Voltage |

## Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor - Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor

Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor



 [Click here for full size](#)

### Connector Part Information

- OEM: 15326822
- Service: 88987186
- Description: 5-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

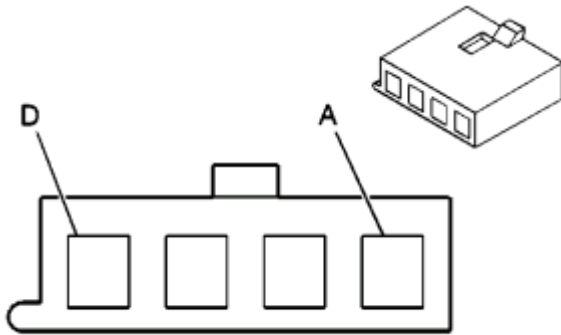
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: Pins A, C, D, E - E/A
- Core/Insulation Crimp: Pins B - 2/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

## Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor

| Pin | Wire      | Circuit | Function                             |
|-----|-----------|---------|--------------------------------------|
| A   | 0.35 YE   | 492     | Mass Air Flow (MAF) Sensor Signal    |
| B   | 0.8 BK/WH | 451     | Ground                               |
| C   | 0.5 PK    | 539     | Ignition 1 Voltage                   |
| D   | 0.35 TN   | 2760    | Low Reference                        |
| E   | 0.35 TN   | 472     | Intake Air Temperature Sensor Signal |

## Memory Seat Adjuster Switch - Driver (AAB) - Memory Seat Adjuster Switch - Driver (AAB)

Memory Seat Adjuster Switch - Driver (AAB)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12092162
- Service: 15306021
- Description: 4-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

- Pins: A, B
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)
- Pins: C, D
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## Memory Seat Adjuster Switch - Driver (AAB)

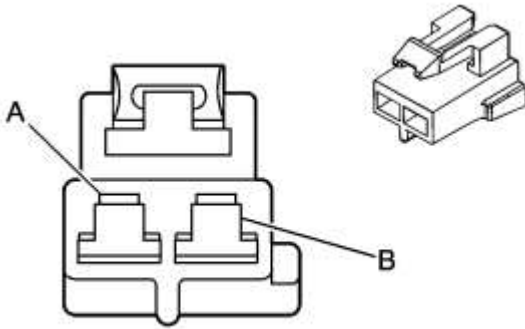
| Pin | Wire    | Circuit | Function                      |
|-----|---------|---------|-------------------------------|
| A   | 0.35 WH | 615     | Memory Seat Switch Signal (1) |
| B   | 0.35 PU | 616     | Memory Seat Switch Signal (2) |
| C   | 0.35 BK | 1450    | Ground                        |
| D   | 0.35 GY | 1359    | LCD Backlighting Lamp Control |

## Memory Seat Module - Driver X1 (AAB) - Memory Seat Module -



## Driver X1 (AAB)

Memory Seat Module - Driver X1 (AAB)



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### Connector Part Information

- OEM: 12064749
- Service: 12101888
- Description: 2-Way F Metri-Pack 480 Series (BK)

### Terminal Part Information

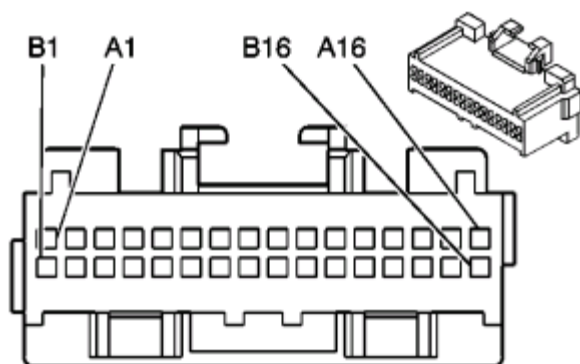
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## Memory Seat Module - Driver X1 (AAB)

| Pin | Wire    | Circuit | Function                 |
|-----|---------|---------|--------------------------|
| A   | 3 RD/WH | 1540    | Battery Positive Voltage |
| B   | 3 BK    | 1150    | Ground                   |

## Memory Seat Module - Driver X2 (AAB) - Memory Seat Module - Driver X2 (AAB)

Memory Seat Module - Driver X2 (AAB)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12110113
- Service: 12110113
- Description: 32-Way F Micro-Pack 100 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

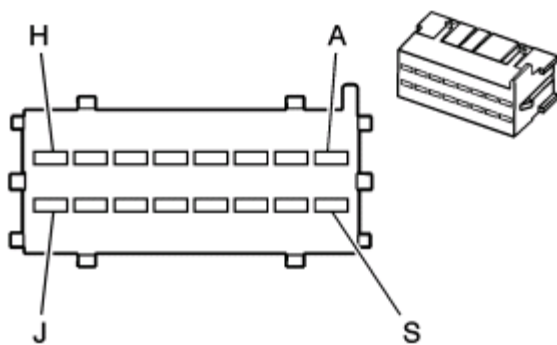
### Memory Seat Module - Driver X2 (AAB)

| Pin   | Wire         | Circuit | Function                                                  |
|-------|--------------|---------|-----------------------------------------------------------|
| A1    | 0.35<br>D-GN | 1518    | Power Seat Front Vertical Up Switch Signal                |
| A2    | 0.35 YE      | 1519    | Power Seat Rear Vertical Up Switch Signal                 |
| A3    | 0.35<br>D-BU | 1520    | Power Seat Front Vertical Down Switch Signal              |
| A4    | 0.35<br>L-BU | 1521    | Power Seat Rear Vertical Down Switch Signal               |
| A5    | 0.35 TN      | 1522    | Power Seat Horizontal Forward Switch Signal               |
| A6    | 0.35<br>L-GN | 1523    | Power Seat Horizontal Rearward Switch Signal              |
| A7-A8 | —            | —       | Not Used                                                  |
| A9    | 0.35 OG      | 2095    | Steering Column Tilt and Telescope Rearward Switch Signal |
| A10   | 0.35 PK      | 2094    | Steering Column Tilt and Telescope Forward Switch Signal  |

|         |               |      |                                                            |
|---------|---------------|------|------------------------------------------------------------|
| A11-A12 | —             | —    | Not Used                                                   |
| A13     | 0.35 GY       | 788  | 5V                                                         |
| A14     | 0.35<br>BN/WH | 557  | Memory Seat Front Vertical Motor Position<br>Sensor Signal |
| A15     | 0.35 TN       | 782  | Low Reference                                              |
| A16     | 0.35<br>D-GN  | 569  | Memory Seat Horizontal Motor Position<br>Sensor Signal     |
| B1      | 0.35 TN       | 568  | Memory Seat Rear Vertical Motor Position<br>Sensor Signal  |
| B2      | —             | —    | Not Used                                                   |
| B3      | 0.35 OG       | 2153 | Steering Column Telescope Motor Signal                     |
| B4-B10  | —             | —    | Not Used                                                   |
| B11     | 0.35<br>RD/WH | 440  | Battery Positive Voltage                                   |
| B12-B14 | —             | —    | Not Used                                                   |
| B15     | 0.35<br>BN/WH | 1048 | Seat Control Module Class 2 Serial Data                    |
| B16     | —             | —    | Not Used                                                   |

### Memory Seat Module - Driver X3 (AAB) - Memory Seat Module - Driver X3 (AAB)

Memory Seat Module - Driver X3 (AAB)



[Click here for full size](#)

### Connector Part Information

- OEM: 12129432
- Service: 12129432
- Description: 16-Way F Metri-Pack 280 Series, ACT (GY)

### Terminal Part Information

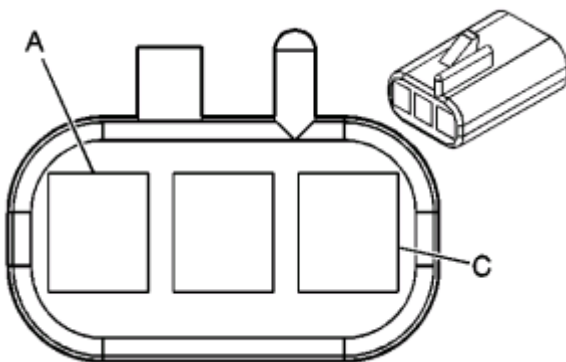
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Memory Seat Module - Driver X3 (AAB)

| Pin | Wire      | Circuit | Function                                            |
|-----|-----------|---------|-----------------------------------------------------|
| A   | 2<br>D-GN | 286     | Driver Power Seat Front Vertical Motor Up Control   |
| B   | 2 OG      | 2098    | Steering Column Telescope Motor Forward             |
| C-K | —         | —       | Not Used                                            |
| L   | 2 TN      | 2110    | Steering Column Telescope Motor Rearward            |
| M   | 2<br>D-BU | 287     | Driver Power Seat Front Vertical Motor Down Control |
| N   | 2 TN      | 285     | Driver Power Seat Horizontal Motor Forward Control  |
| P   | 2<br>L-BU | 283     | Driver Power Seat Rear Vertical Motor Down Control  |
| R   | 2 YE      | 282     | Driver Power Seat Rear Vertical Motor Up Control    |
| S   | 2<br>L-GN | 284     | Driver Power Seat Horizontal Motor Rearward Control |

### Mode Actuator - Mode Actuator

Mode Actuator



 [Click here for full size](#)

### Connector Part Information

- OEM: 12047781

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

#### Terminal Part Information

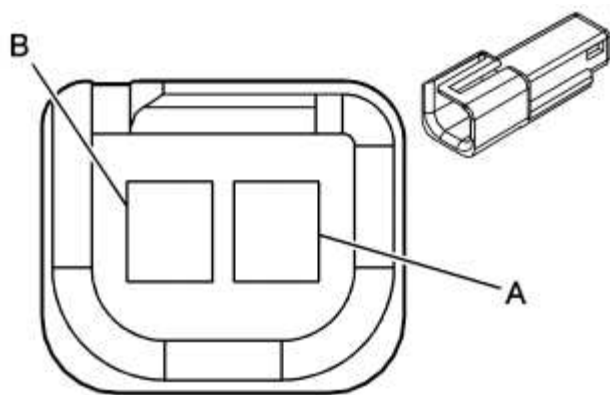
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Mode Actuator

| Pin | Wire      | Circuit | Function            |
|-----|-----------|---------|---------------------|
| A   | 0.35 TN   | 2273    | Mode Door Control A |
| B   | —         | —       | Not Used            |
| C   | 0.35 L-GN | 2275    | Mode Door Control B |

#### Noise Compensation Microphone (U65) - Noise Compensation Microphone (U65)

Noise Compensation Microphone (U65)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12047663
- Service: 12058709
- Description: 2-Way M Metri-Pack 150 Series (BK)

#### Terminal Part Information

- Pins: A

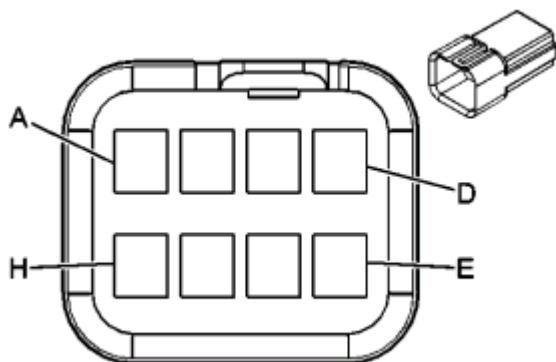
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit
- Pins: B
- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

### Noise Compensation Microphone (U65)

| Pin | Wire      | Circuit | Function                                     |
|-----|-----------|---------|----------------------------------------------|
| A   | 0.35 BK   | 1489    | Drain                                        |
| B   | 0.35 D-GN | 1488    | Noise Compensation Microphone Supply Voltage |

### Outside Rearview Mirror - Driver X1 - Outside Rearview Mirror - Driver X1

Outside Rearview Mirror - Driver X1



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#### Connector Part Information

- OEM: 12084256
- Service: 12101827
- Description: 8-Way M Metri-Pack 150 Series (BK)

#### Terminal Part Information

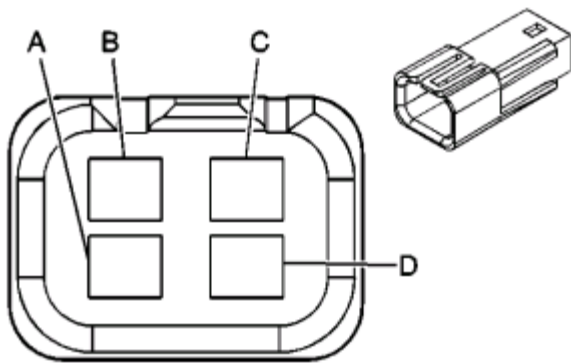
- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

**Outside Rearview Mirror - Driver X1**

| Pin | Wire      | Circuit | Function                                |
|-----|-----------|---------|-----------------------------------------|
| A   | 0.35 YE   | 88      | Driver Mirror Motor Up Control          |
| B   | 0.5 BK    | 1450    | Ground                                  |
| C   | 0.35 L-GN | 89      | Driver Mirror Motor Down Control        |
| D   | 0.35 GY   | 1690    | Automatic Day/Night Mirror Signal (DD8) |
| E   | 0.5 OG    | 267     | Heated Mirror Element Supply Voltage    |
| F   | 0.35 WH   | 81      | Driver Mirror Motor Right Control       |
| G   | 0.35 PK   | 1691    | Low Reference (DD8)                     |
| H   | 0.35 L-BU | 82      | Driver Mirror Motor Left Control        |

**Outside Rearview Mirror - Driver X2 (DD0) - Outside Rearview Mirror - Driver X2 (DD0)**

Outside Rearview Mirror - Driver X2 (DD0)



 [Click here for full size](#)

**Connector Part Information**

- OEM: 12047786
- Service: 12085536
- Description: 4-Way M Metri-Pack 150 Series (BK)

**Terminal Part Information**

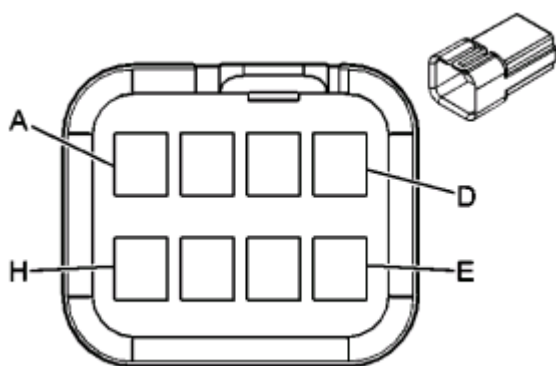
- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

**Outside Rearview Mirror - Driver X2 (DD0)**

| Pin | Wire         | Circuit | Function                                        |
|-----|--------------|---------|-------------------------------------------------|
| A   | 0.35 GY      | 788     | 5V                                              |
| B   | 0.35<br>D-GN | 784     | Driver Mirror Vertical Position Sensor Signal   |
| C   | 0.35 TN      | 782     | Low Reference                                   |
| D   | 0.35 GY      | 786     | Driver Mirror Horizontal Position Sensor Signal |

## Outside Rearview Mirror - Passenger X1 - Outside Rearview Mirror - Passenger X1

Outside Rearview Mirror - Passenger X1



[Click here for full size](#)

### Connector Part Information

- OEM: 12084256
- Service: 12101827
- Description: 8-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)

## Outside Rearview Mirror - Passenger X1

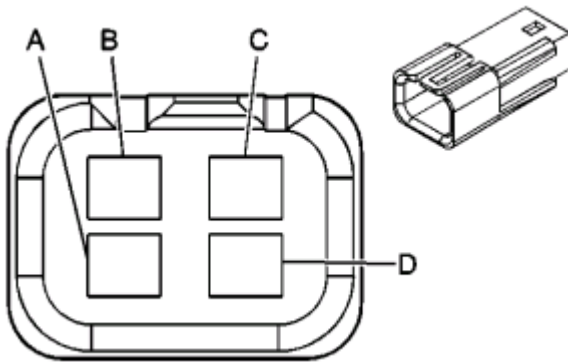
| Pin | Wire       | Circuit | Function                            |
|-----|------------|---------|-------------------------------------|
| A   | 0.35 BN/WH | 1498    | Passenger Mirror Motor Up Control   |
| B   | 0.5 BK     | 1550    | Ground                              |
| C   | 0.35 L-GN  | 89      | Passenger Mirror Motor Down Control |



|   |            |     |                                      |
|---|------------|-----|--------------------------------------|
| D | —          | —   | Not Used                             |
| E | 0.35 OG    | 267 | Heated Mirror Element Supply Voltage |
| F | 0.35 OG/WH | 881 | Passenger Mirror Motor Right Control |
| G | —          | —   | Not Used                             |
| H | 0.35 GY    | 90  | Passenger Mirror Motor Left Control  |

## Outside Rearview Mirror - Passenger X2 (DD0) - Outside Rearview Mirror - Passenger X2 (DD0)

Outside Rearview Mirror - Passenger X2 (DD0)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12047786
- Service: 12085536
- Description: 4-Way M Metri-Pack 150 Series (BK)

### Terminal Part Information

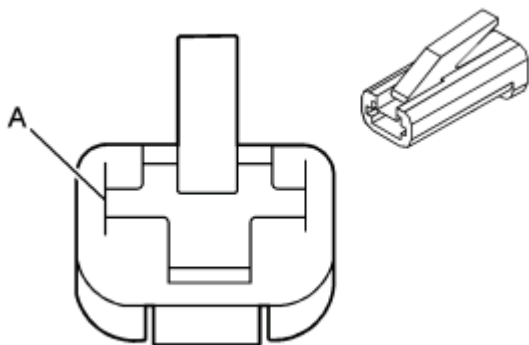
- Pins: A-C
- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)
- Pins: D
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## Outside Rearview Mirror - Passenger X2 (DD0)

| Pin | Wire         | Circuit | Function                                           |
|-----|--------------|---------|----------------------------------------------------|
| A   | 0.35 GY      | 788     | 5V                                                 |
| B   | 0.35 BN      | 787     | Passenger Mirror Vertical Position Sensor Signal   |
| C   | 0.35 TN      | 782     | Low Reference                                      |
| D   | 0.35 L-BU/BK | 785     | Passenger Mirror Horizontal Position Sensor Signal |

## Park Brake Switch - Park Brake Switch

Park Brake Switch



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### Connector Part Information

- OEM: 08911256
- Service: 12102561
- Description: 1-Way F 56 Series (WH)

### Terminal Part Information

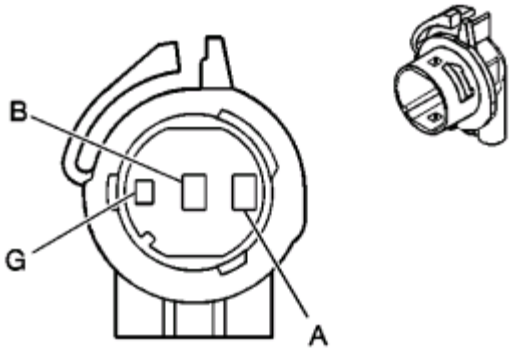
- Terminal/Tray: 12124515/1
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 12094430/J-35616-42 (RD)

## Park Brake Switch

| Pin | Wire      | Circuit | Function                 |
|-----|-----------|---------|--------------------------|
| A   | 0.35 L-BU | 1134    | Park Brake Switch Signal |

**Park/Turn Signal Lamp - Left Front (without T90) - Park/Turn Signal Lamp - Left Front (without T90)**

### Park/Turn Signal Lamp - Left Front (without T90)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15354681
- Service: See Catalog
- Description: 3-Way Lamp Socket Wedge Base W3 Right Angle (BK)

#### Terminal Part Information

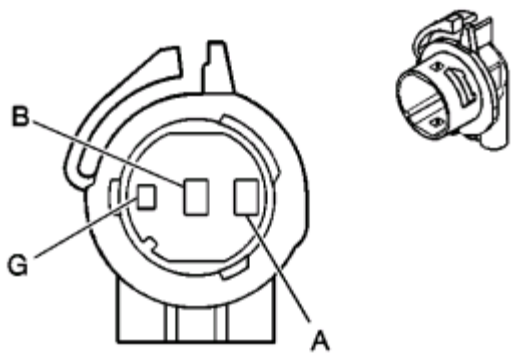
- Terminal/Tray: 12066638/5
- Core/Insulation Crimp: 2/5
- Release Tool/Test Probe: 12180559-1/J-35616-4A (PU)

### Park/Turn Signal Lamp - Left Front (without T90)

| Pin | Wire        | Circuit | Function                                   |
|-----|-------------|---------|--------------------------------------------|
| A   | 0.5 L-BU/WH | 1314    | Left Front Turn Signal Lamp Supply Voltage |
| B   | 0.5 BN      | 9       | Park Lamp Supply Voltage                   |
| G   | 0.8 BK      | 1350    | Ground                                     |

### Park/Turn Signal Lamp - Right Front (without T90) - Park/Turn Signal Lamp - Right Front (without T90)

Park/Turn Signal Lamp - Right Front (without T90)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15354681
- Service: See Catalog
- Description: 3-Way Lamp Socket Wedge Base W3 Right Angle (BK)

#### Terminal Part Information

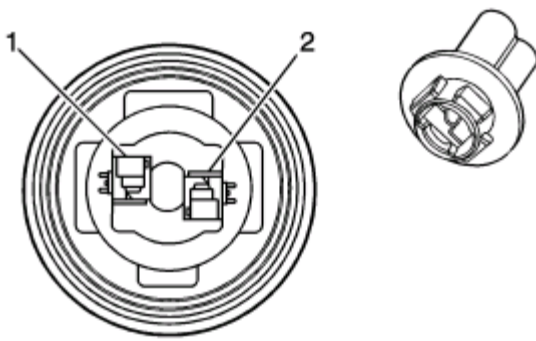
- Terminal/Tray: 12066638/5
- Core/Insulation Crimp: 2/5
- Release Tool/Test Probe: 12180559-1/J-35616-4A (PU)

#### Park/Turn Signal Lamp - Right Front (without T90)

| Pin | Wire        | Circuit | Function                                   |
|-----|-------------|---------|--------------------------------------------|
| A   | 0.5 D-BU/WH | 1315    | Left Front Turn Signal Lamp Supply Voltage |
| B   | 0.5 BN      | 9       | Park Lamp Supply Voltage                   |
| G   | 0.5 BK      | 1250    | Ground                                     |

#### Position Lamp - Left (T90) - Position Lamp - Left (T90)

Position Lamp - Left (T90)



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#### Connector Part Information

- OEM: 15450289
- Service: See Catalog
- Description: 2-Way F Lamp Socket Axial Series (BK)

#### Terminal Part Information

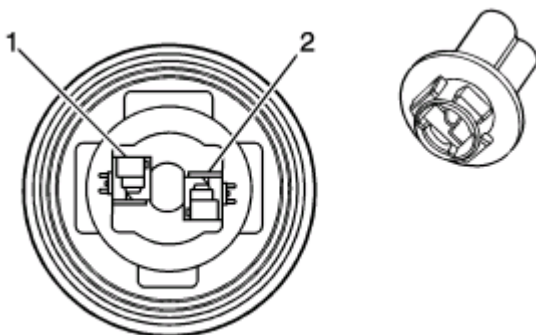
- Terminal/Tray: Service With Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: N/A

#### Position Lamp - Left (T90)

| Pin | Wire   | Circuit | Function                 |
|-----|--------|---------|--------------------------|
| 1   | 0.5 BK | 1350    | Ground                   |
| 2   | 0.5 BN | 9       | Park Lamp Supply Voltage |

#### Position Lamp - Right (T90) - Position Lamp - Right (T90)

Position Lamp - Right (T90)



 [Click here for full size](#)

### Connector Part Information

- OEM: 15450289
- Service: See Catalog
- Description: 2-Way F Lamp Socket Axial Series (BK)

### Terminal Part Information

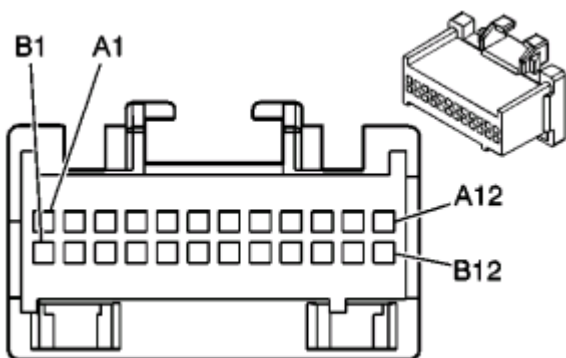
- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: N/A

### Position Lamp - Right (T90)

| Pin | Wire   | Circuit | Function                 |
|-----|--------|---------|--------------------------|
| 1   | 0.5 BK | 1250    | Ground                   |
| 2   | 0.5 BN | 9       | Park Lamp Supply Voltage |

### Radio X1 - Radio X1

Radio X1



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### Connector Part Information

- OEM: 12110088
- Service: 12110088
- Description: 24-Way F Micro-Pack 100 Series (GY)

**Terminal Part Information**

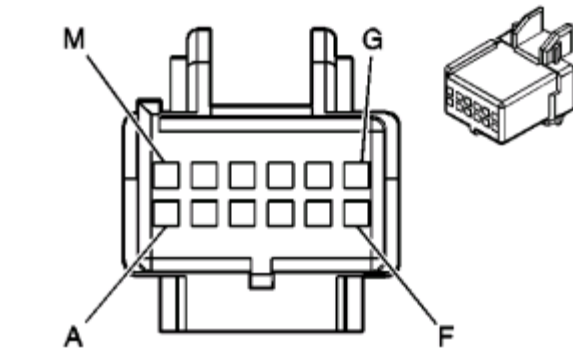
- Pins: A1, A4, A8-A11, B1, B3, B6, B8-B11
- Terminal/Tray: 12146447/3
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)
- Pins: A12
- Terminal/Tray: 12146448/19
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)

**Radio X1**

| Pin   | Wire       | Circuit | Function                                  |
|-------|------------|---------|-------------------------------------------|
| A1    | 0.35 OG    | 1044    | Radio Class 2 Serial Data                 |
| A2-A3 | —          | —       | Not Used                                  |
| A4    | 0.35 YE    | 5172    | FM Composite Signal                       |
| A5    | —          | —       | Not Used                                  |
| A6    | 0.35 PU    | 1375    | Remote Radio Control Supply Voltage (UK3) |
| A7    | 0.35 D-BU  | 1796    | Steering Wheel Control Signal (UK3)       |
| A8    | 0.35 TN    | 511     | Left Front Low Level Audio Signal (+)     |
| A9    | 0.35 D-GN  | 1947    | Left Front Low Level Audio Signal (-)     |
| A10   | 0.35 TN    | 1946    | Right Rear Low Level Audio Signal (-)     |
| A11   | 0.35 D-BU  | 546     | Right Rear Low Level Audio Signal (+)     |
| A12   | 1 BK/WH    | 651     | Ground                                    |
| B1    | 0.5 RD/WH  | 740     | Battery Positive Voltage                  |
| B2    | —          | —       | Not Used                                  |
| B3    | 0.35 WH    | 1487    | Antenna Enable Signal                     |
| B4-B5 | —          | —       | Not Used                                  |
| B6    | 0.35 OG    | 5748    | Amplifier Mute Signal                     |
| B7    | —          | —       | Not Used                                  |
| B8    | 0.35 BN/WH | 599     | Left Rear Low Level Audio Signal (+)      |
| B9    | 0.35 BN    | 1999    | Left Rear Low Level Audio Signal (-)      |
| B10   | 0.35 L-GN  | 1948    | Right Front Low Level Audio Signal (-)    |
| B11   | 0.35 D-GN  | 512     | Right Front Low Level Audio (+)           |
| B12   | —          | —       | Not Used                                  |

**Radio X2 - Radio X2**

## Radio X2



 [Click here for full size](#)

**Connector Part Information**

- OEM: 12064799
- Service: 15305996
- Description: 12-Way F Micro-Pack 100 Series (BK)

**Terminal Part Information**

- Pins: A, D, H-M
- Terminal/Tray: 12146447/3
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)
- Pins: B
- Terminal/Tray: 12146448/19
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)

**Radio X2**

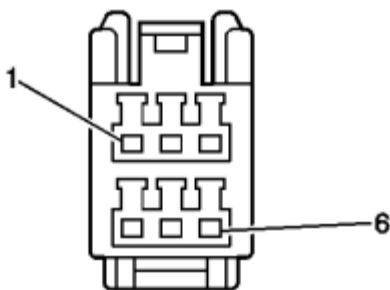
| Pin | Wire         | Circuit | Function                                       |
|-----|--------------|---------|------------------------------------------------|
| A   | 0.35 OG      | 5748    | Amplifier Mute Signal (UL2)                    |
| B   | 1 GY         | 5749    | Radio Vehicle Noise Compensation Enable Signal |
| C   | —            | —       | Not Used                                       |
| D   | 0.35 D-GN/WH | 817     | Vehicle Speed Signal (Denso Radio)             |
| E-G | —            | —       | Not Used                                       |



|   |                 |      |                                                      |
|---|-----------------|------|------------------------------------------------------|
| H | 0.35<br>D-GN/WH | 368  | Right Audio Signal (U2K)                             |
| J | 0.35 BN/WH      | 367  | Left Audio Signal (U2K)                              |
| K | 0.35 TN/WH      | 372  | Audio Common (U2K)                                   |
| L | 0.35 L-BU       | 1405 | Remote Playback Device Audio Common Signal (UL2/UE1) |
| M | 0.35 OG/BK      | 1406 | Remote Playback Device Audio Signal (UL2/UE1)        |

## Radio X3 (U3Z) - Radio X3 (U3Z)

Radio X3 (U3Z)



 [Click here for full size](#)

### Connector Part Information

- OEM: 7283-5862
- Service: 89046847
- Description: 6-Way F (NA)

### Terminal Part Information

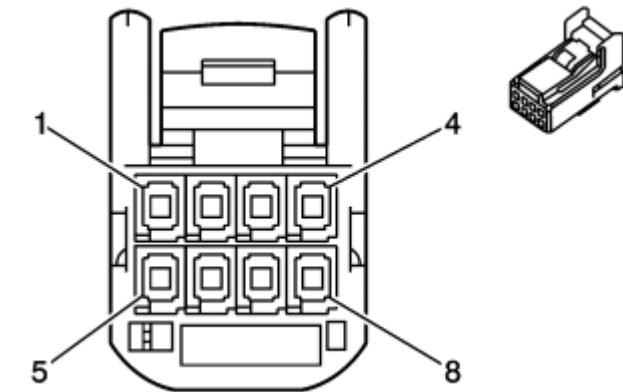
- Pins: 2, 3, 6
- Terminal/Tray: 175266-5/15
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 15315247/J-35616-16 (L-GN)
- Pins: 5
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## Radio X3 (U3Z)

| Pin | Wire       | Circuit | Function                                                       |
|-----|------------|---------|----------------------------------------------------------------|
| 1   | —          | —       | Not Used                                                       |
| 2   | 0.35<br>YE | 5385    | Vehicle Identification Communication System Bus Request Signal |
| 3   | 0.35<br>GY | 5383    | Vehicle Identification Communication System High Signal        |
| 4   | —          | —       | Not Used                                                       |
| 5   | 0.35<br>BK | 514     | Drain                                                          |
| 6   | 0.35<br>BN | 5384    | Vehicle Identification Communication System Low Signal         |

### Radio X5 (Denso Radio) - Radio X5 (Denso Radio)

Radio X5 (Denso Radio)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 1376352-1
- Service: 88988104
- Description: 8-Way F 025 Series (WH)

#### Terminal Part Information

- Terminal/Tray: 1123343-2/7
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: J-38125-24/J-35616-64B (L-BU)

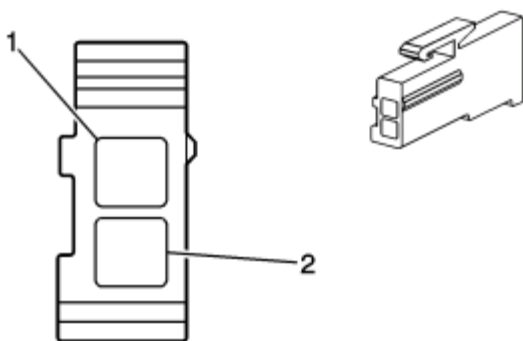
### Radio X5 (Denso Radio)

| Pin | Wire | Circuit | Function |
|-----|------|---------|----------|
|-----|------|---------|----------|

|     |            |      |                                |
|-----|------------|------|--------------------------------|
| 1-2 | —          | —    | Not Used                       |
| 3   | 0.35 PK    | 5149 | Voice Recognition Audio Signal |
| 4   | —          | —    | Not Used                       |
| 5   | 0.35 PK/BK | 5152 | Low Reference (UE1)            |
|     | 0.35 BK    | 1705 | Drain (without UE1)            |
| 6-8 | —          | —    | Not Used                       |

## Radio Antenna Module - Left X1 - Radio Antenna Module - Left X1

Radio Antenna Module - Left X1



 [Click here for full size](#)

### Connector Part Information

- OEM: 172165-1
- Service: 89046733
- Description: 2-Way F Mini Universal Mate-N-Lock (NA)

### Terminal Part Information

- Terminal/Tray: 770904-1/25
- Core/Insulation Crimp: E/2
- Release Tool/Test Probe: J38125-220/J-35616-10 (GN)

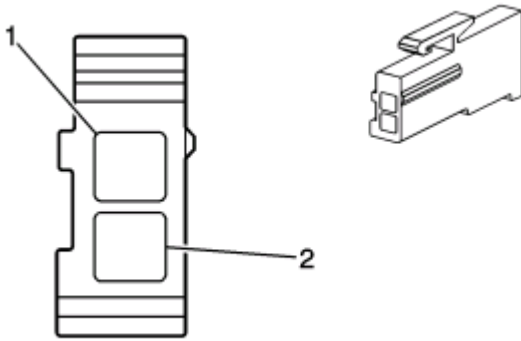
## Radio Antenna Module - Left X1

| Pin | Wire    | Circuit | Function              |
|-----|---------|---------|-----------------------|
| 1   | 0.35 WH | 1487    | Antenna Enable Signal |
| 2   | 0.35 YE | 5172    | FM Composite Signal   |

## Radio Antenna Module - Left X2 - Radio Antenna Module - Left

**X2**

Radio Antenna Module - Left X2



 [Click here for full size](#)

**Connector Part Information**

- OEM: 172165-5
- Service: 89046733
- Description: 2-Way F Mini Universal Mate-N-Lock (NA)

**Terminal Part Information**

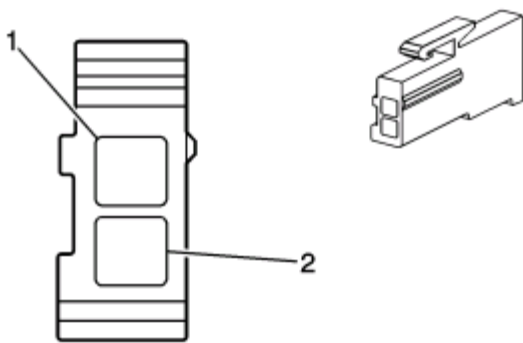
- Terminal/Tray: 770904-1/25
- Core/Insulation Crimp: E/2
- Release Tool/Test Probe: J38125-220/J-35616-10 (GN)

**Radio Antenna Module - Left X2**

| Pin | Wire   | Circuit | Function                  |
|-----|--------|---------|---------------------------|
| 1   | 0.5 RD | —       | Left Antenna Signal - AM  |
| 2   | 0.5 BK | —       | Left Antenna Signal - FM1 |

**Radio Antenna Module - Right - Radio Antenna Module - Right**

Radio Antenna Module - Right



 [Click here for full size](#)

#### Connector Part Information

- OEM: 172165-1
- Service: 89046733
- Description: 2-Way F Mini Universal Mate-N-Lock (NA)

#### Terminal Part Information

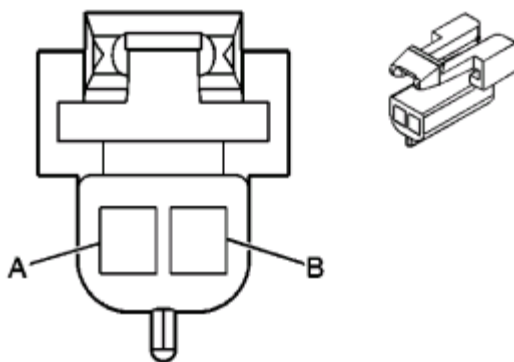
- Terminal/Tray: 770904-1/25
- Core/Insulation Crimp: E/2
- Release Tool/Test Probe: J38125-220/J-35616-10 (GN)

#### Radio Antenna Module - Right

| Pin | Wire     | Circuit | Function                   |
|-----|----------|---------|----------------------------|
| 1   | 0.5 D-GN | —       | Right Antenna Signal - FM2 |
| 2   | —        | —       | Not Used                   |

#### Rear Compartment Courtesy Lamp - Left - Rear Compartment Courtesy Lamp - Left

Rear Compartment Courtesy Lamp - Left



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#### Connector Part Information

- OEM: 12052832
- Service: 12101825
- Description: 2-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

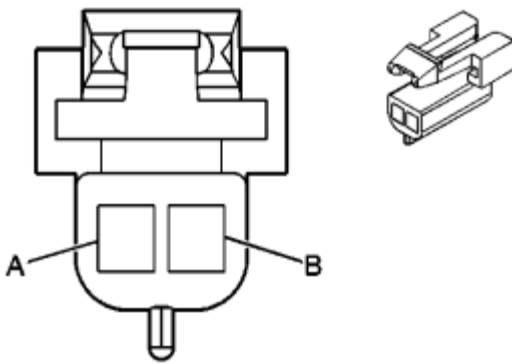
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Rear Compartment Courtesy Lamp - Left

| Pin | Wire       | Circuit | Function                      |
|-----|------------|---------|-------------------------------|
| A   | 0.35 OG    | 1732    | Courtesy Lamps Supply Voltage |
| B   | 0.35 WH/BK | 158     | Cargo Lamp Switch Signal      |

#### Rear Compartment Courtesy Lamp - Right - Rear Compartment Courtesy Lamp - Right

Rear Compartment Courtesy Lamp - Right



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12052832
- Service: 12101825
- Description: 2-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

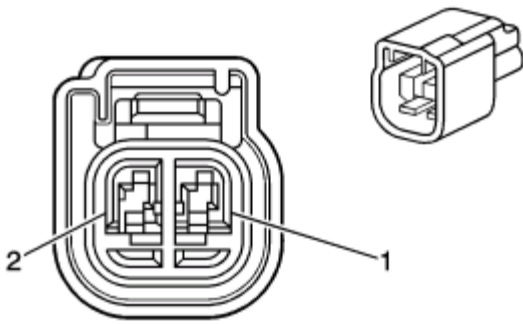
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Rear Compartment Courtesy Lamp - Right

| Pin | Wire       | Circuit | Function                      |
|-----|------------|---------|-------------------------------|
| A   | 0.35 OG    | 1732    | Courtesy Lamps Supply Voltage |
| B   | 0.35 WH/BK | 158     | Cargo Lamp Switch Signal      |

#### Rear Compartment Lid Lock Cylinder Key Switch (Convertible/Z06) - Rear Compartment Lid Lock Cylinder Key Switch (Convertible/Z06)

Rear Compartment Lid Lock Cylinder Key Switch (Convertible/Z06)



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#### Connector Part Information

- OEM: E-4014
- Service: 88988055
- Description: 2-Way F Sleeve Assembly Wire Connector (BK)

#### Terminal Part Information

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

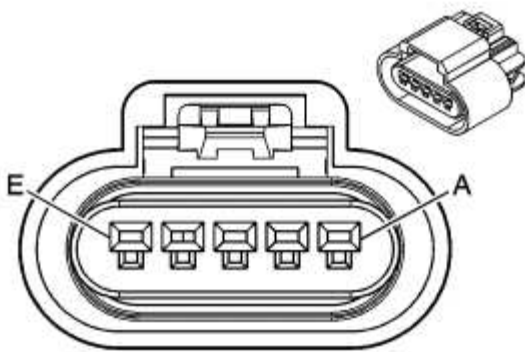
#### Rear Compartment Lid Lock Cylinder Key Switch (Convertible/Z06)

| Pin | Wire    | Circuit | Function                |
|-----|---------|---------|-------------------------|
| 1   | 0.35 TN | 305     | Trunk Key Switch Signal |
| 2   | 0.35 BK | 1150    | Ground                  |

#### Rear Compartment Lid Latch (Convertible/Z06) - Rear Compartment Lid Latch (Convertible/Z06)

Rear Compartment Lid Latch (Convertible/Z06)





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### Connector Part Information

- OEM: 15326822
- Service: 88987186
- Description: 5-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

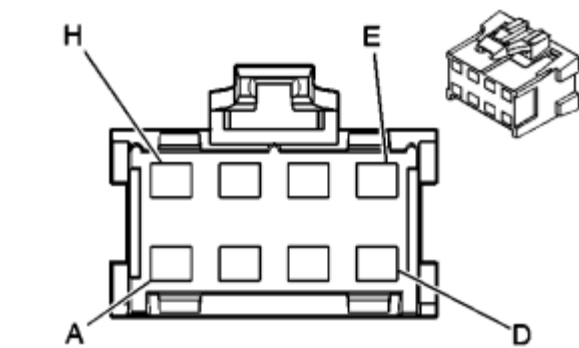
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Rear Compartment Lid Latch (Convertible/Z06)

| Pin | Wire       | Circuit | Function                 |
|-----|------------|---------|--------------------------|
| A   | 0.35 OG/BK | 744     | Trunk Ajar Switch Signal |
| B   | 0.5 BK     | 1150    | Ground                   |
| C   | 0.35 WH/BK | 158     | Cargo Lamp Switch Signal |
| D   | 0.5 L-BU   | 383     | Trunk Release Control    |
| E   | 0.5 BK     | 1150    | Ground                   |

### Rear Compartment Lid Pull Down Actuator (Coupe) - Rear Compartment Lid Pull Down Actuator (Coupe)

Rear Compartment Lid Pull Down Actuator (Coupe)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12110626
- Service: 12110626
- Description: 8-Way F Metri-Pack 280 Series, Flexlock (GY)

### Terminal Part Information

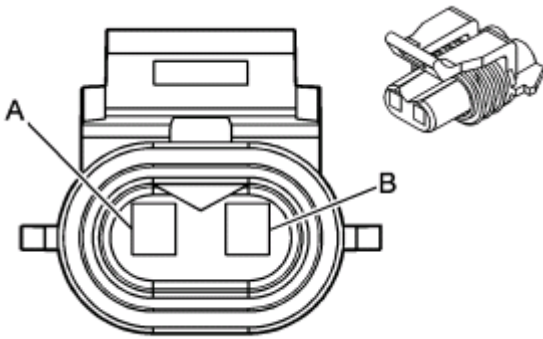
- Pins: A, B, E, G, H
- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: Pins A, B, E, G - E/C
- Core/Insulation Crimp: Pins H - E/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: F
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Rear Compartment Lid Pull Down Actuator (Coupe)

| Pin | Wire       | Circuit | Function                    |
|-----|------------|---------|-----------------------------|
| A   | 0.35 OG/BK | 744     | Trunk Ajar Switch Signal    |
| B   | 0.35 L-BU  | 1344    | Trunk Release Relay Control |
| C-D | —          | —       | Not Used                    |
| E   | 0.35 TN    | 305     | Trunk Key Switch Signal     |
| F   | 0.5 BK     | 1150    | Ground                      |
| G   | 0.35 WH/BK | 158     | Cargo Lamp Switch Signal    |
| H   | 0.5 RD/WH  | 3640    | Battery Positive Voltage    |

## Rear Compartment Lid Release Switch - Exterior - Rear Compartment Lid Release Switch - Exterior

Rear Compartment Lid Release Switch - Exterior



 [Click here for full size](#)

### Connector Part Information

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

### Terminal Part Information

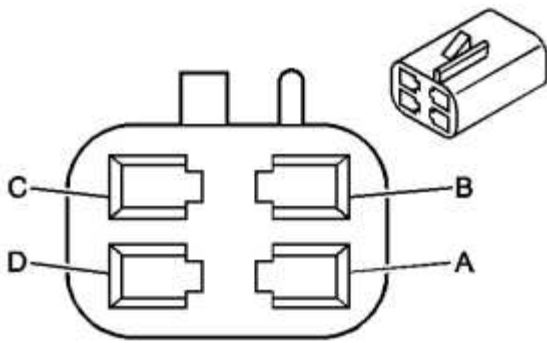
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

## Rear Compartment Lid Release Switch - Exterior

| Pin | Wire    | Circuit | Function                    |
|-----|---------|---------|-----------------------------|
| A   | 0.35 BK | 750     | Ground                      |
| B   | 0.35 TN | 1576    | Trunk Release Switch Signal |

## Rear Compartment Lid Release Switch - Interior - Rear Compartment Lid Release Switch - Interior

Rear Compartment Lid Release Switch - Interior



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12089248
- Service: 12102900
- Description: 4-Way F Metri-Pack 150 Series (NA)

#### Terminal Part Information

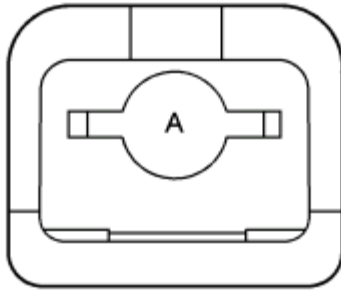
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Rear Compartment Lid Release Switch - Interior

| Pin | Wire       | Circuit | Function                              |
|-----|------------|---------|---------------------------------------|
| A   | 0.35 BK    | 1450    | Ground                                |
| B   | 0.35 BK    | 1450    | Ground                                |
| C   | 0.35 BN/WH | 230     | Instrument Panel Lamp Dimming Control |
| D   | 0.35 BN/WH | 2091    | Trunk Release Switch Supply Voltage   |

#### Rear Window Defogger Grid X1 (Convertible) - Rear Window Defogger Grid X1 (Convertible)

Rear Window Defogger Grid X1 (Convertible)



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#### Connector Part Information

- OEM: 12004201
- Service: 12004201
- Description: 1-Way M 56 Series (BK)

#### Terminal Part Information

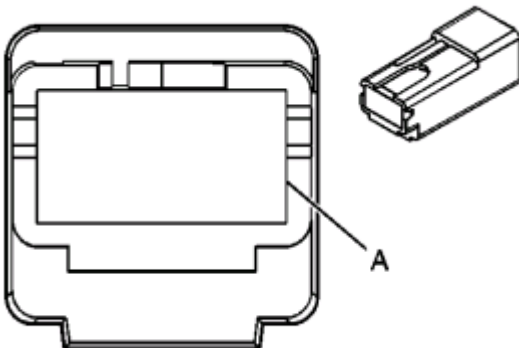
- Terminal/Tray: 12015878/18
- Core/Insulation Crimp: F/G
- Release Tool/Test Probe: 12094430/J-35616-43 (RD)

#### Rear Window Defogger Grid X1 (Convertible)

| Pin | Wire | Circuit | Function                                        |
|-----|------|---------|-------------------------------------------------|
| A   | 3 BK | 1927    | Rear Window Defog Control Module Supply Voltage |

#### Rear Window Defogger Grid X1 (Coupe/Z06) - Rear Window Defogger Grid X1 (Coupe/Z06)

Rear Window Defogger Grid X1 (Coupe/Z06)



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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

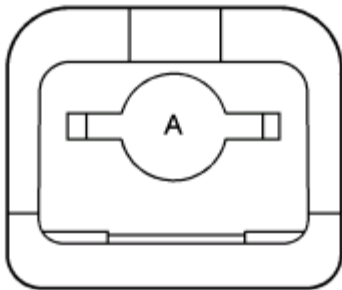
- Terminal/Tray: 12103325/3
- Core/Insulation Crimp: A/B
- Release Tool/Test Probe: 12094430/J-35616-42 (RD)

#### Rear Window Defogger Grid X1 (Coupe/Z06)

| Pin | Wire | Circuit | Function                                        |
|-----|------|---------|-------------------------------------------------|
| A   | 3 BK | 1927    | Rear Window Defog Control Module Supply Voltage |

#### Rear Window Defogger Grid X2 (Convertible) - Rear Window Defogger Grid X2 (Convertible)

Rear Window Defogger Grid X2 (Convertible)



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#### Connector Part Information

- OEM: 12004201
- Service: 12004201
- Description: 1-Way M 56 Series (BK)

**Terminal Part Information**

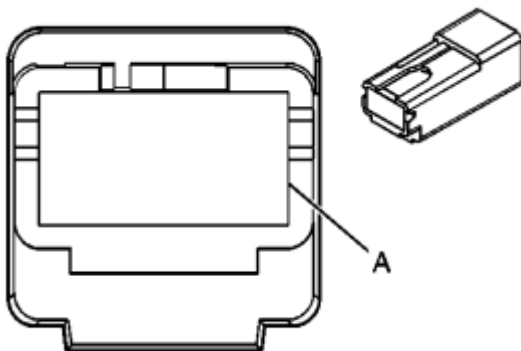
- Terminal/Tray: 12015878/18
- Core/Insulation Crimp: F/G
- Release Tool/Test Probe: 12094430/J-35616-43 (RD)

**Rear Window Defogger Grid X2 (Convertible)**

| Pin | Wire | Circuit | Function |
|-----|------|---------|----------|
| A   | 3 BK | 1150    | Ground   |

**Rear Window Defogger Grid X2 (Coupe/Z06) - Rear Window Defogger Grid X2 (Coupe/Z06)**

Rear Window Defogger Grid X2 (Coupe/Z06)



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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**

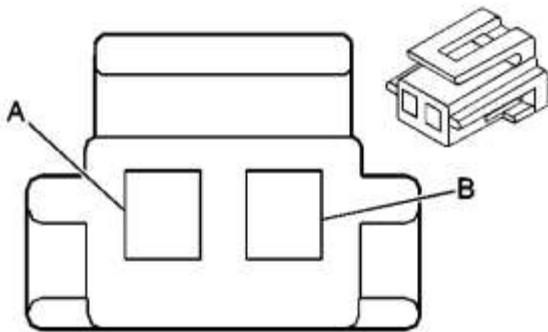
- Terminal/Tray: 12103325/3
- Core/Insulation Crimp: A/B
- Release Tool/Test Probe: 12094430/J-35616-42 (RD)

**Rear Window Defogger Grid X2 (Coupe/Z06)**

| Pin | Wire | Circuit | Function |
|-----|------|---------|----------|
| A   | 3 BK | 1150    | Ground   |

## Recirculation Actuator - Recirculation Actuator

Recirculation Actuator



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### Connector Part Information

- OEM: 12059110
- Service: 88953271
- 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

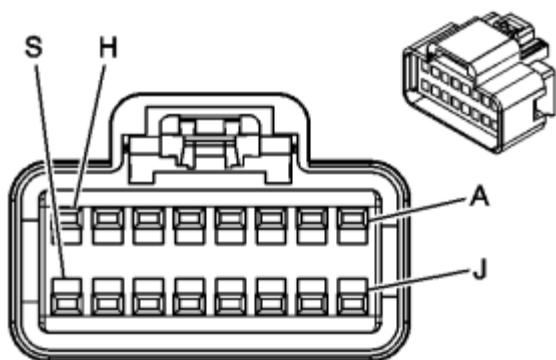
## Recirculation Actuator

| Pin | Wire         | Circuit | Function                     |
|-----|--------------|---------|------------------------------|
| A   | 0.35 L-GN/BK | 1647    | Recirculation Door Control A |
| B   | 0.35 PK/WH   | 1648    | Recirculation Door Control B |

## Remote Control Door Lock Receiver (RCDLR) X1 - Remote Control Door Lock Receiver (RCDLR) X1

Remote Control Door Lock Receiver (RCDLR) X1





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### Connector Part Information

- OEM: 15332177
- Service: 15332177
- Description: 16-Way F GT 150 Series (BK)

### Terminal Part Information

- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: Pins A, B, H - C/A
- Core/Insulation Crimp: Pins C, D, E, F, G, J, L, N, P, R, S - E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

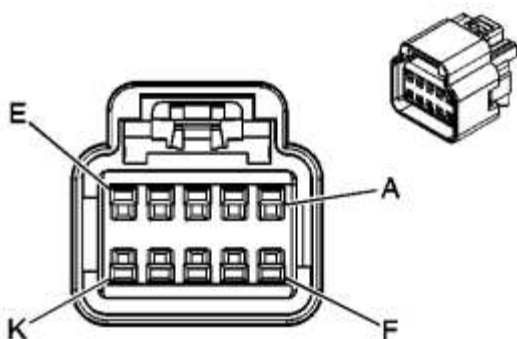
### Remote Control Door Lock Receiver (RCDLR) X1

| Pin | Wire         | Circuit | Function                                                                |
|-----|--------------|---------|-------------------------------------------------------------------------|
| A   | 0.8 D-BU     | 5876    | Passenger Door Lock Actuator Lock Control                               |
| B   | 0.8 L-GN/BK  | 5703    | Driver Door Lock Actuator Lock Control                                  |
| C   | 0.35 PK      | 3       | Ignition 1 Voltage                                                      |
| D   | 0.35 D-GN/WH | 1135    | Automatic Transmission Shift Lock Control Solenoid Supply Voltage (MYC) |
|     | 0.35 L-BU    | 2182    | Reverse Lamp Relay Control (MM6/MZ6)                                    |
| E   | 0.35 OG      | 5880    | Left Front Interior Door Handle Switch Signal                           |
| F   | 0.35 PU      | 5877    | Right Front Interior Door Handle Switch Signal                          |
| G   | 0.35 L-BU/WH | 5725    | Ignition Mode Switch Data Signal                                        |
| H   | 0.8 RD/WH    | 2440    | Battery Positive Voltage                                                |
| J   | 0.35 L-BU    | 5726    | Ignition Mode Switch Ground                                             |

|   |                 |      |                                                |
|---|-----------------|------|------------------------------------------------|
| K | —               | —    | Not Used                                       |
| L | 0.35 PK         | 1045 | RFA Class 2 Serial Data                        |
| M | —               | —    | Not Used                                       |
| N | 0.35 L-BU       | 395  | Right Front Exterior Door Handle Switch Signal |
| P | 0.35 TN         | 1576 | Trunk Release Switch Signal                    |
| R | 0.35<br>L-GN/BK | 394  | Left Front Exterior Door Handle Switch Signal  |
| S | 0.5 BK/WH       | 851  | Ground                                         |

## Remote Control Door Lock Receiver (RCDLR) X2 - Remote Control Door Lock Receiver (RCDLR) X2

Remote Control Door Lock Receiver (RCDLR) X2



[Click here for full size](#)

### Connector Part Information

- OEM: 15332153
- Service: 88986440
- Description: 10-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)

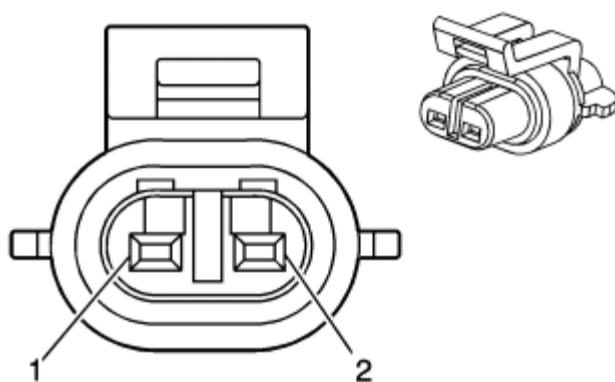
## Remote Control Door Lock Receiver (RCDLR) X2

| Pin | Wire    | Circuit | Function                               |
|-----|---------|---------|----------------------------------------|
| A   | 0.35 OG | 5708    | Keyless Entry Antenna - Back Up Signal |

|   |              |      |                                                 |
|---|--------------|------|-------------------------------------------------|
| B | 0.35 TN      | 219  | Low Reference                                   |
| C | 0.35 L-GN    | 5707 | Keyless Entry Antenna - Right Signal            |
| D | 0.35 PK      | 5709 | Keyless Entry Antenna - Rear Compartment Signal |
| E | —            | —    | Not Used                                        |
| F | 0.35 OG/BK   | 5712 | Low Reference                                   |
| G | 0.35 PU      | 218  | Keyless Entry Antenna Left Signal               |
| H | 0.35 L-GN/BK | 5711 | Low Reference                                   |
| J | 0.35 PK/BK   | 5713 | Low Reference                                   |
| K | —            | —    | Not Used                                        |

### Repeater Lamp - Left Front (T90) - Repeater Lamp - Left Front (T90)

Repeater Lamp - Left Front (T90)



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#### Connector Part Information

- OEM: 15336195
- Service: 88988136
- Description: 2-Way F GT 150 Series, Sealed (BK)

#### Terminal Part Information

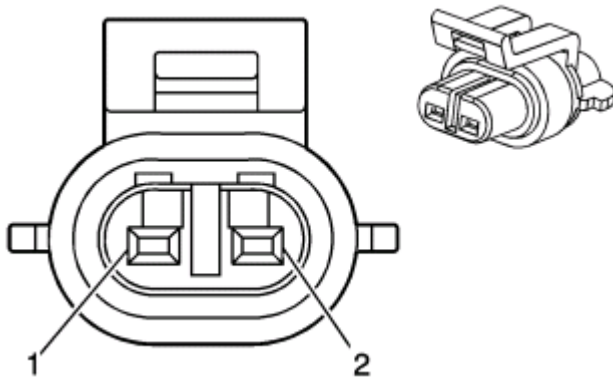
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Repeater Lamp - Left Front (T90)

| Pin | Wire         | Circuit | Function                                   |
|-----|--------------|---------|--------------------------------------------|
| 1   | 0.35 BK      | 1350    | Ground                                     |
| 2   | 0.35 L-BU/WH | 1314    | Left Front Turn Signal Lamp Supply Voltage |

### Repeater Lamp - Right Front (T90) - Repeater Lamp - Right Front (T90)

Repeater Lamp - Right Front (T90)



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#### Connector Part Information

- OEM: 15336195
- Service: 88988136
- Description: 2-Way F GT 150 Series, Sealed (BK)

#### Terminal Part Information

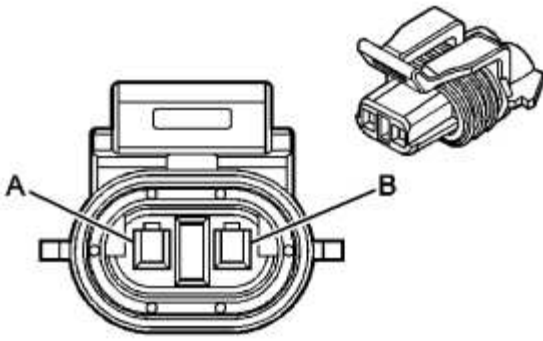
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Repeater Lamp - Right Front (T90)

| Pin | Wire         | Circuit | Function                                    |
|-----|--------------|---------|---------------------------------------------|
| 1   | 0.35 BK      | 1250    | Ground                                      |
| 2   | 0.35 D-BU/WH | 1315    | Right Front Turn Signal Lamp Supply Voltage |

### Reverse Lockout Solenoid (MM6/MZ6) - Reverse Lockout Solenoid (MM6/MZ6)

Reverse Lockout Solenoid (MM6/MZ6)



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#### Connector Part Information

- OEM: 12052646
- Service: 12101857
- Description: 2-Way F Metri-Pack 150 Series Sealed (WH)

#### Terminal Part Information

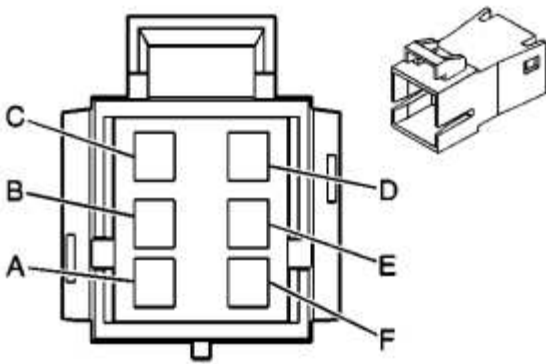
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Reverse Lockout Solenoid (MM6/MZ6)

| Pin | Wire     | Circuit | Function                         |
|-----|----------|---------|----------------------------------|
| A   | 0.5 L-GN | 1652    | Reverse Lockout Solenoid Control |
| B   | 1 RD/WH  | 2840    | Battery Positive Voltage         |

#### Seat Adjuster Motor Assembly - Driver (without AAB) - Seat Adjuster Motor Assembly - Driver (without AAB)

Seat Adjuster Motor Assembly - Driver (without AAB)



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#### Connector Part Information

- OEM: 12064754
- Service: 15305872
- Description: 6-Way M Metri-Pack 280 Series, Self Lock (BK)

#### Terminal Part Information

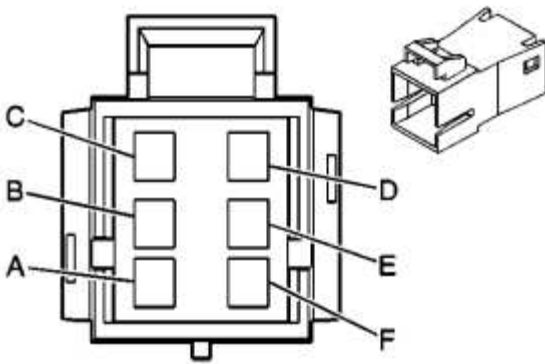
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Seat Adjuster Motor Assembly - Driver (without AAB)

| Pin | Wire   | Circuit | Function                                            |
|-----|--------|---------|-----------------------------------------------------|
| A   | 3 TN   | 296     | Driver Power Seat Horizontal Motor Forward Control  |
| B   | 3 L-GN | 290     | Driver Power Seat Horizontal Motor Rearward Control |
| C   | 3 D-GN | 297     | Driver Power Seat Front Vertical Motor Up Control   |
| D   | 3 D-BU | 298     | Driver Power Seat Front Vertical Motor Down Control |
| E   | 3 YE   | 288     | Driver Power Seat Rear Vertical Motor Up Control    |
| F   | 3 L-BU | 289     | Driver Power Seat Rear Vertical Motor Down Control  |

#### Seat Adjuster Motor Assembly - Driver X1 (AAB) - Seat Adjuster Motor Assembly - Driver X1 (AAB)

Seat Adjuster Motor Assembly - Driver X1 (AAB)



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#### Connector Part Information

- OEM: 12064754
- Service: 15305872
- Description: 6-Way M Metri-Pack 280 Series, Self Lock (BK)

#### Terminal Part Information

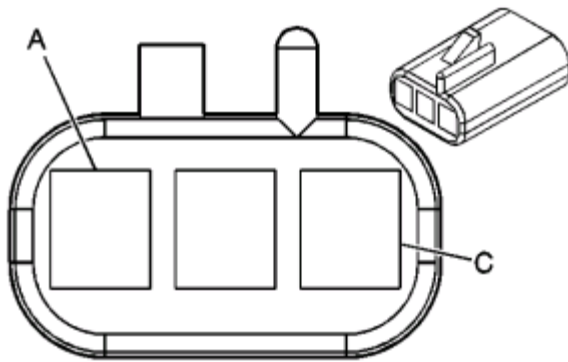
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Seat Adjuster Motor Assembly - Driver X1 (AAB)

| Pin | Wire   | Circuit | Function                                            |
|-----|--------|---------|-----------------------------------------------------|
| A   | 2 TN   | 285     | Driver Power Seat Horizontal Motor Forward Control  |
| B   | 2 L-GN | 284     | Driver Power Seat Horizontal Motor Rearward Control |
| C   | 2 D-GN | 286     | Driver Power Seat Front Vertical Motor Up Control   |
| D   | 2 D-BU | 287     | Driver Power Seat Front Vertical Motor Down Control |
| E   | 2 YE   | 282     | Driver Power Seat Rear Vertical Motor Up Control    |
| F   | 2 L-BU | 283     | Driver Power Seat Rear Vertical Motor Down Control  |

#### Seat Adjuster Motor Assembly - Driver X2 (AAB) - Seat Adjuster Motor Assembly - Driver X2 (AAB)

Seat Adjuster Motor Assembly - Driver X2 (AAB)



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

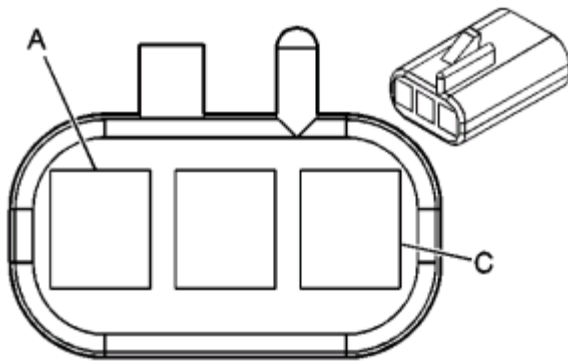
#### Seat Adjuster Motor Assembly - Driver X2 (AAB)

| Pin | Wire       | Circuit | Function                                    |
|-----|------------|---------|---------------------------------------------|
| A   | 0.35 TN    | 782     | Low Reference                               |
| B   | 0.35 BN/WH | 557     | Front Vertical Motor Position Sensor Signal |
| C   | 0.35 GY    | 788     | 5V                                          |

#### Seat Adjuster Motor Assembly - Driver X3 (AAB) - Seat Adjuster Motor Assembly - Driver X3 (AAB)

Seat Adjuster Motor Assembly - Driver X3 (AAB)





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#### Connector Part Information

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

#### Terminal Part Information

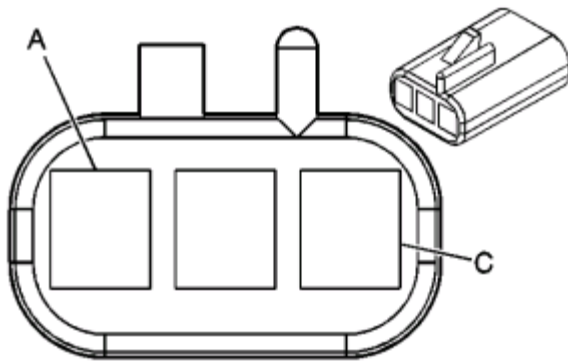
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Seat Adjuster Motor Assembly - Driver X3 (AAB)

| Pin | Wire    | Circuit | Function                                   |
|-----|---------|---------|--------------------------------------------|
| A   | 0.35 TN | 782     | Low Reference                              |
| B   | 0.35 TN | 568     | Rear Vertical Motor Position Sensor Signal |
| C   | 0.35 GY | 788     | 5V                                         |

#### Seat Adjuster Motor Assembly - Driver X4 (AAB) - Seat Adjuster Motor Assembly - Driver X4 (AAB)

Seat Adjuster Motor Assembly - Driver X4 (AAB)



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#### Connector Part Information

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

#### Terminal Part Information

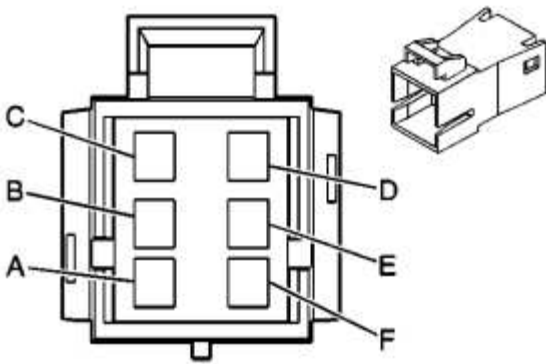
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Seat Adjuster Motor Assembly - Driver X4 (AAB)

| Pin | Wire      | Circuit | Function                                     |
|-----|-----------|---------|----------------------------------------------|
| A   | 0.35 GY   | 788     | 5V                                           |
| B   | 0.35 D-GN | 569     | Horizontal Seat Motor Position Sensor Signal |
| C   | 0.35 TN   | 782     | Low Reference                                |

#### Seat Adjuster Motor Assembly - Passenger - Seat Adjuster Motor Assembly - Passenger

Seat Adjuster Motor Assembly - Passenger



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#### Connector Part Information

- OEM: 12064754
- Service: 15305872
- Description: 6-Way M Metri-Pack 280 Series, Self Lock (BK)

#### Terminal Part Information

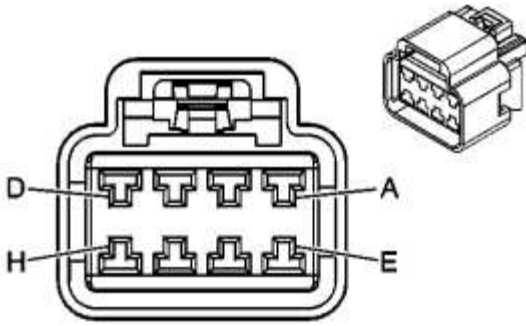
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Seat Adjuster Motor Assembly - Passenger

| Pin | Wire   | Circuit | Function                                               |
|-----|--------|---------|--------------------------------------------------------|
| A   | 3 TN   | 296     | Passenger Power Seat Horizontal Motor Forward Control  |
| B   | 3 L-GN | 290     | Passenger Power Seat Horizontal Motor Rearward Control |
| C   | 3 D-GN | 297     | Passenger Power Seat Front Vertical Motor Up Control   |
| D   | 3 D-BU | 298     | Passenger Power Seat Front Vertical Motor Down Control |
| E   | 3 YE   | 288     | Passenger Power Seat Rear Vertical Motor Up Control    |
| F   | 3 L-BU | 289     | Passenger Power Seat Rear Vertical Motor Down Control  |

#### Seat Adjuster Switch - Driver - Seat Adjuster Switch - Driver

## Seat Adjuster Switch - Driver



 [Click here for full size](#)

### Connector Part Information

- OEM: 15326924
- Service: 15306174
- Description: 8-Way F GT 280 Series (BK)

### Terminal Part Information

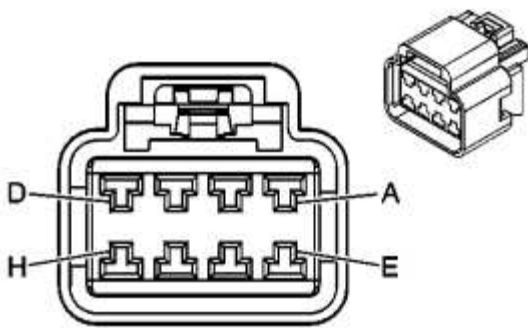
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## Seat Adjuster Switch - Driver

| Pin | Wire    | Circuit | Function                                      |
|-----|---------|---------|-----------------------------------------------|
| A   | 3 YE    | 288     | Driver Seat Rear Vertical Motor Up Control    |
| B   | 3 D-GN  | 297     | Driver Seat Front Vertical Motor Up Control   |
| C   | 3 TN    | 296     | Driver Seat Horizontal Motor Forward Control  |
| D   | 3 D-BU  | 298     | Driver Seat Front Vertical Motor Down Control |
| E   | 3 RD/WH | 1540    | Battery Positive Voltage                      |
| F   | 3 L-GN  | 290     | Driver Seat Horizontal Motor Rearward Control |
| G   | 3 L-BU  | 289     | Driver Seat Rear Vertical Motor Down Control  |
| H   | 3 BK    | 1150    | Ground                                        |

## Seat Adjuster Switch - Passenger - Seat Adjuster Switch - Passenger

Seat Adjuster Switch - Passenger



 [Click here for full size](#)

### Connector Part Information

- OEM: 15326924
- Service: 15306174
- Description: 8-Way F GT 280 Series (BK)

### Terminal Part Information

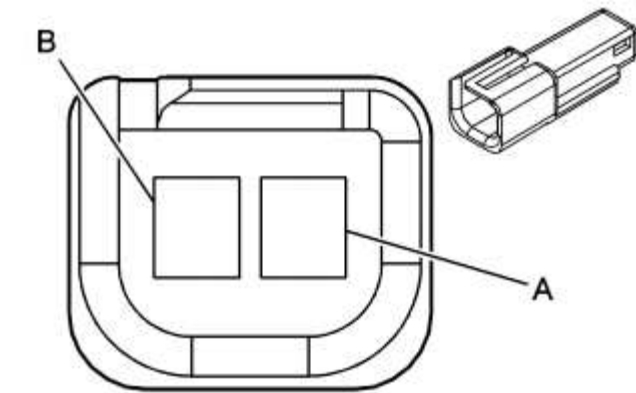
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Seat Adjuster Switch - Passenger

| Pin | Wire    | Circuit | Function                                         |
|-----|---------|---------|--------------------------------------------------|
| A   | 3 L-BU  | 289     | Passenger Seat Rear Vertical Motor Down Control  |
| B   | 3 D-BU  | 298     | Passenger Seat Front Vertical Motor Down Control |
| C   | 3 TN    | 296     | Passenger Seat Horizontal Motor Forward Control  |
| D   | 3 D-GN  | 297     | Passenger Seat Front Vertical Motor Up Control   |
| E   | 3 RD/WH | 1540    | Battery Positive Voltage                         |
| F   | 3 L-GN  | 290     | Passenger Seat Horizontal Motor Rearward Control |
| G   | 3 YE    | 288     | Passenger Seat Rear Vertical Motor Up Control    |
| H   | 3 BK    | 1150    | Ground                                           |

### Seat Belt Switch - Driver - Seat Belt Switch - Driver

Seat Belt Switch - Driver



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12047663
- Service: 12058709
- Description: 2-Way M Metri-Pack 150 Series (BK)

#### Terminal Part Information

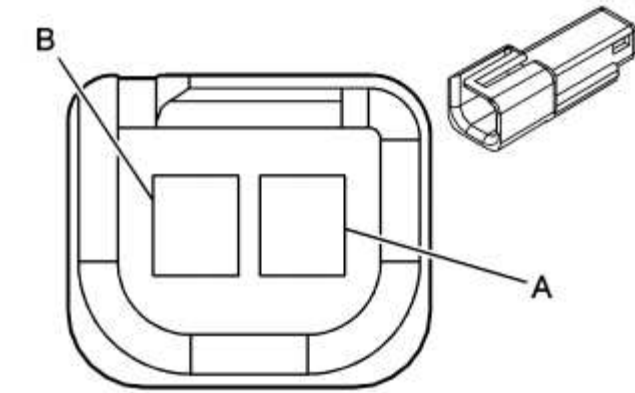
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Seat Belt Switch - Driver

| Pin | Wire       | Circuit | Function                       |
|-----|------------|---------|--------------------------------|
| A   | 0.35 TN/WH | 238     | Seat Belt Switch Signal - Left |
| B   | 0.35 PK    | 5057    | Low Reference                  |

#### Seat Belt Switch - Passenger - Seat Belt Switch - Passenger

Seat Belt Switch - Passenger



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12047663
- Service: 12058709
- Description: 2-Way M Metri-Pack 150 Series (BK)

#### Terminal Part Information

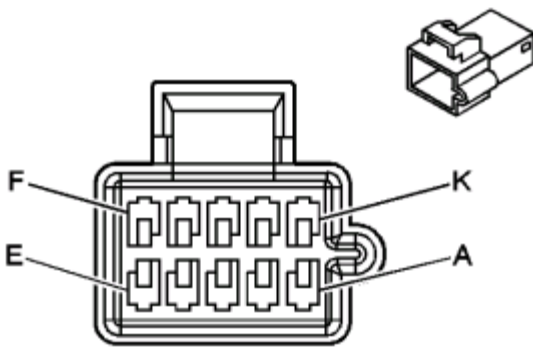
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Seat Belt Switch - Passenger

| Pin | Wire    | Circuit | Function                        |
|-----|---------|---------|---------------------------------|
| A   | 0.35 OG | 1362    | Seat Belt Switch Signal - Right |
| B   | 0.35 PK | 5057    | Low Reference                   |

#### Seat Lumbar Pump/Control Module - Driver - Seat Lumbar Pump/Control Module - Driver

Seat Lumbar Pump/Control Module - Driver



 [Click here for full size](#)

### Connector Part Information

- OEM: 12064770
- Service: 12101823
- Description: 10-Way M Metri-Pack 150 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

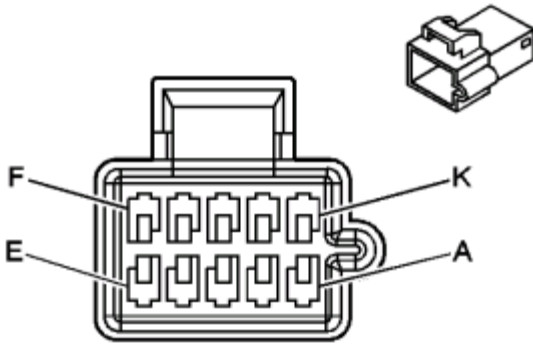
### Seat Lumbar Pump/Control Module - Driver

| Pin | Wire      | Circuit | Function                            |
|-----|-----------|---------|-------------------------------------|
| A   | 0.5 BK    | 1150    | Ground                              |
| B   | —         | —       | Not Used                            |
| C   | 0.5 YE    | 386     | Driver Seat Lumbar Deflate Control  |
| D   | —         | —       | Not Used                            |
| E   | 0.5 GY    | 466     | Driver Seat Bolster Deflate Control |
| F   | 0.5 PU    | 765     | Driver Seat Bolster Inflate Control |
| G   | —         | —       | Not Used                            |
| H   | 0.5 PK    | 789     | Driver Seat Lumbar Inflate Control  |
| J   | —         | —       | Not Used                            |
| K   | 0.5 RD/WH | 2240    | Battery Positive Voltage            |

### Seat Lumbar Pump/Control Module - Passenger - Seat Lumbar Pump/Control Module - Passenger



## Seat Lumbar Pump/Control Module - Passenger



 [Click here for full size](#)

### Connector Part Information

- OEM: 12064770
- Service: 12101823
- Description: 10-Way M Metri-Pack 150 Series (NA)

### Terminal Part Information

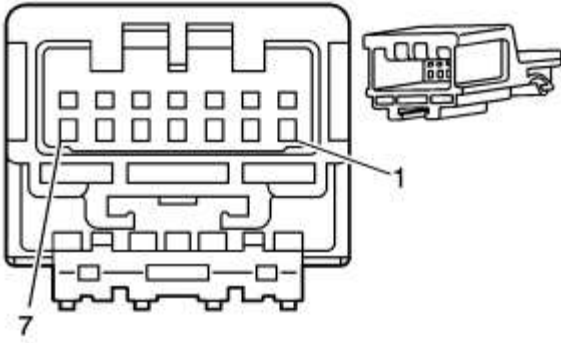
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## Seat Lumbar Pump/Control Module - Passenger

| Pin | Wire      | Circuit | Function                               |
|-----|-----------|---------|----------------------------------------|
| A   | 0.5 BK    | 750     | Ground                                 |
| B   | —         | —       | Not Used                               |
| C   | 0.5 YE    | 757     | Passenger Seat Lumbar Deflate Control  |
| D   | —         | —       | Not Used                               |
| E   | 0.5 GY    | 758     | Passenger Seat Bolster Deflate Control |
| F   | 0.5 PK    | 1265    | Passenger Seat Bolster Inflate Control |
| G   | —         | —       | Not Used                               |
| H   | 0.5 L-BU  | 1259    | Passenger Seat Lumbar Inflate Control  |
| J   | —         | —       | Not Used                               |
| K   | 0.5 RD/WH | 2240    | Battery Positive Voltage               |

## Seat Lumbar Switch - Driver - Seat Lumbar Switch - Driver

## Seat Lumbar Switch - Driver



 [Click here for full size](#)

### Connector Part Information

- OEM: IL-AG5-7P-S3C1
- Service: See Catalog
- Description: 7-Way M IL-AG5 Series (GN)

### Terminal Part Information

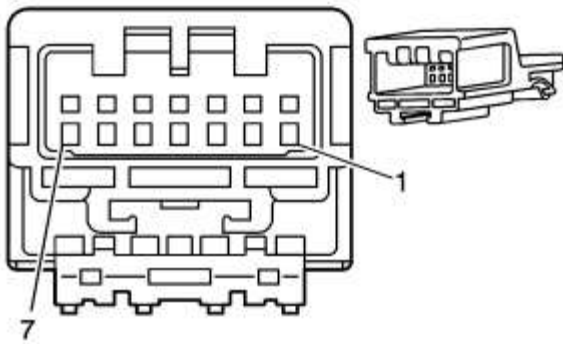
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## Seat Lumbar Switch - Driver

| Pin | Wire      | Circuit | Function                            |
|-----|-----------|---------|-------------------------------------|
| 1-2 | —         | —       | Not Used                            |
| 3   | 0.5 GY    | 466     | Driver Seat Bolster Deflate Control |
| 4   | 0.5 YE    | 386     | Driver Seat Lumbar Deflate Control  |
| 5   | 0.5 RD/WH | 2240    | Battery Positive Voltage            |
| 6   | 0.5 PU    | 765     | Driver Seat Bolster Inflate Control |
| 7   | 0.5 PK    | 789     | Driver Seat Lumbar Inflate Control  |

## Seat Lumbar Switch - Passenger - Seat Lumbar Switch - Passenger

### Seat Lumbar Switch - Passenger



 [Click here for full size](#)

### Connector Part Information

- OEM: IL-AG5-7P-S3C1
- Service: See Catalog
- Description: 7-Way M IL-AG5 Series (GN)

### Terminal Part Information

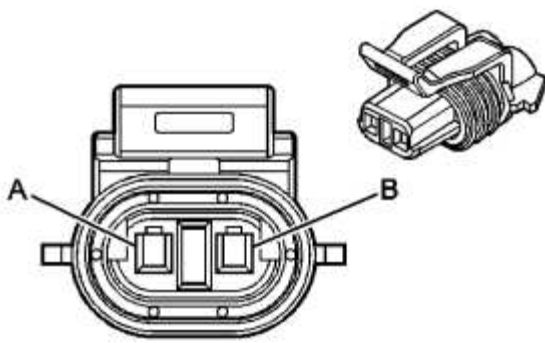
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Seat Lumbar Switch - Passenger

| Pin | Wire      | Circuit | Function                               |
|-----|-----------|---------|----------------------------------------|
| 1   | 0.5 PK    | 1265    | Passenger Seat Bolster Inflate Control |
| 2   | 0.5 L-BU  | 1259    | Passenger Seat Lumbar Inflate Control  |
| 3   | 0.5 RD/WH | 2240    | Battery Positive Voltage               |
| 4   | 0.5 GY    | 758     | Passenger Seat Bolster Deflate Control |
| 5-6 | —         | —       | Not Used                               |
| 7   | 0.5 YE    | 757     | Passenger Seat Lumbar Deflate Control  |

### Skip Shift Solenoid (JL5) - Skip Shift Solenoid (JL5)

Skip Shift Solenoid (JL5)



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#### Connector Part Information

- OEM: 12052646
- Service: 12101857
- Description: 2-Way F Metri-Pack 150 Series Sealed (WH)

#### Terminal Part Information

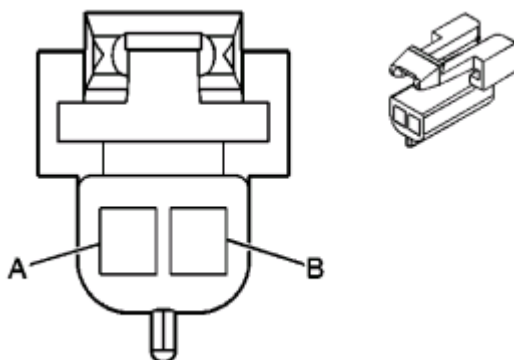
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Skip Shift Solenoid (JL5)

| Pin | Wire   | Circuit | Function                    |
|-----|--------|---------|-----------------------------|
| A   | 0.5 GY | 587     | Skip/Shift Solenoid Control |
| B   | 0.5 PK | 239     | Ignition 1 Voltage          |

#### Speaker - Center I/P (U65) - Speaker - Center I/P (U65)

Speaker - Center I/P (U65)



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### Connector Part Information

- OEM: 12052832
- Service: 12101825
- Description: 2-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

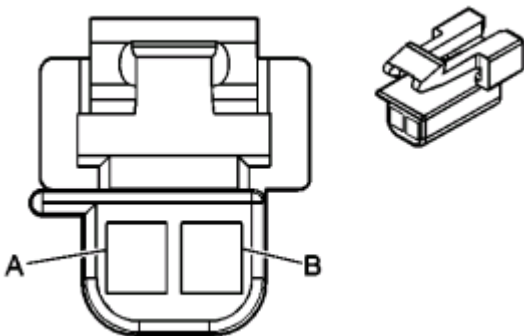
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

### Speaker - Center I/P (U65)

| Pin | Wire     | Circuit | Function                 |
|-----|----------|---------|--------------------------|
| A   | 0.5 L-BU | 1960    | Front Center Speaker (-) |
| B   | 0.5 YE   | 1860    | Front Center Speaker (+) |

### Speaker - Center I/P (U66) - Speaker - Center I/P (U66)

Speaker - Center I/P (U66)



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### Connector Part Information

- OEM: 12064869
- Service: 12117323
- Description: 2-Way F Metri-Pack 150 Series (BU)

**Terminal Part Information**

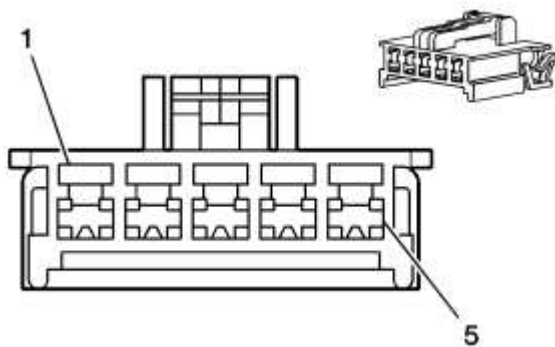
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

**Speaker - Center I/P (U66)**

| Pin | Wire     | Circuit | Function                 |
|-----|----------|---------|--------------------------|
| A   | 0.5 L-BU | 1960    | Front Center Speaker (-) |
| B   | 0.5 YE   | 1860    | Front Center Speaker (+) |

**Speaker - Left (U65) - Speaker - Left (U65)**

Speaker - Left (U65)



 [Click here for full size](#)

**Connector Part Information**

- OEM: 6098-2180
- Service: 88988384
- Description: 5-Way F 090 Series (BK)

**Terminal Part Information**

- Pins: 5, 4
- Terminal/Tray: 8240-4652/22
- Core/Insulation Crimp: 2/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)
- Pins: 3 - 1
- Terminal/Tray: 8240-4412/22

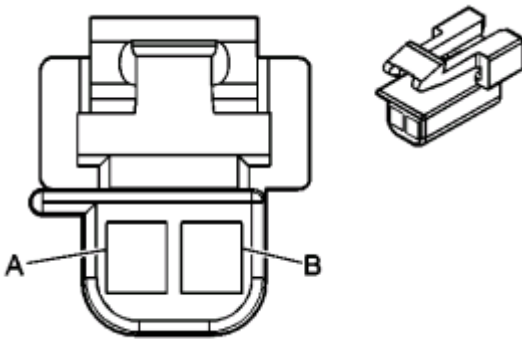
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Speaker - Left (U65)

| Pin | Wire      | Circuit | Function                                |
|-----|-----------|---------|-----------------------------------------|
| 1   | 0.35 L-GN | 5782    | Left Front Subwoofer Speaker Output (+) |
| 2   | 0.35 D-GN | 5783    | Left Front Subwoofer Speaker Output (-) |
| 3   | 0.35 WH   | 1487    | Amplifier Enable Signal                 |
| 4   | 2 BK/WH   | 651     | Ground                                  |
| 5   | 2 RD/BK   | 142     | Battery Positive Voltage                |

### Speaker - Left Front (U66) - Speaker - Left Front (U66)

Speaker - Left Front (U66)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12064869
- Service: 12117323
- Description: 2-Way F Metri-Pack 150 Series (BU)

#### Terminal Part Information

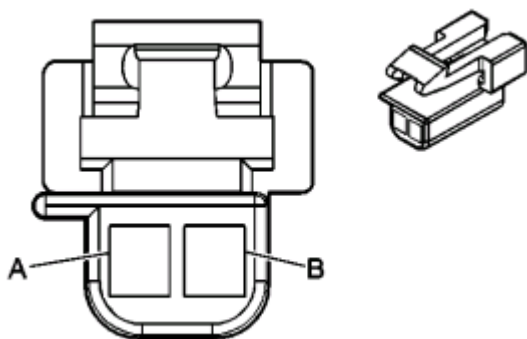
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

### Speaker - Left Front (U66)

| Pin | Wire     | Circuit | Function                               |
|-----|----------|---------|----------------------------------------|
| A   | 0.5 L-BU | 1957    | Left Front Midrange Speaker Output (-) |
| B   | 0.5 D-BU | 1857    | Left Front Midrange Speaker Output (+) |

## Speaker - Left Front Subwoofer (U66) - Speaker - Left Front Subwoofer (U66)

Speaker - Left Front Subwoofer (U66)



 [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-35616-2A (GY)

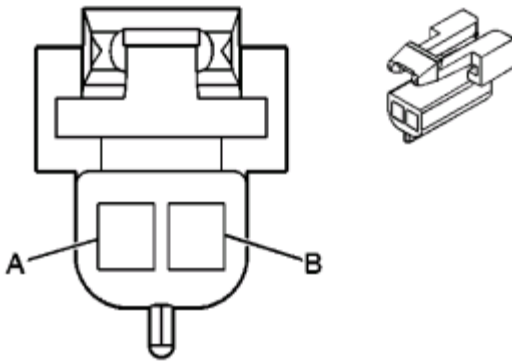
## Speaker - Left Front Subwoofer (U66)

| Pin | Wire | Circuit | Function                                |
|-----|------|---------|-----------------------------------------|
| A   | 1 GY | 118     | Left Front Subwoofer Speaker Output (-) |
| B   | 1 TN | 201     | Left Front Subwoofer Speaker Output (+) |

## Speaker - Left Front (U65) - Speaker - Left Front (U65)

Speaker - Left Front (U65)





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#### Connector Part Information

- OEM: 12052832
- Service: 12101825
- Description: 2-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

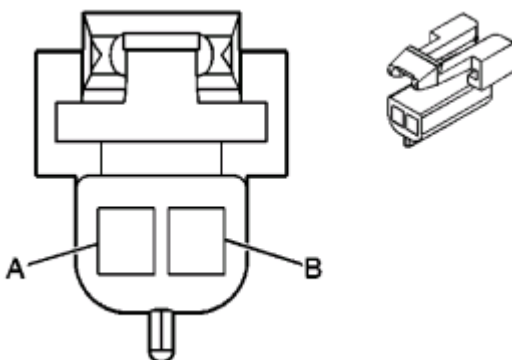
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Speaker - Left Front (U65)

| Pin | Wire     | Circuit | Function                               |
|-----|----------|---------|----------------------------------------|
| A   | 0.5 L-BU | 1957    | Left Front Midrange Speaker Output (-) |
| B   | 0.5 D-BU | 1857    | Left Front Midrange Speaker Output (+) |

#### Speaker - Left Rear (U65) - Speaker - Left Rear (U65)

Speaker - Left Rear (U65)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12052832
- Service: 12101825
- Description: 2-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

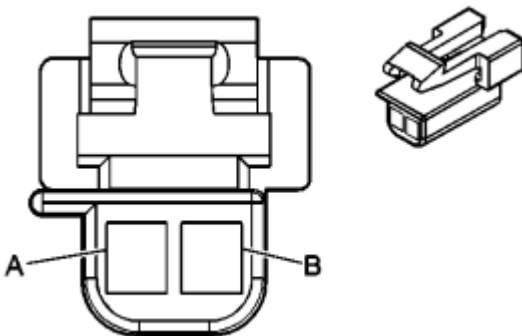
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Speaker - Left Rear (U65)

| Pin | Wire   | Circuit | Function                |
|-----|--------|---------|-------------------------|
| A   | 0.5 YE | 116     | Rear Speaker Output (-) |
| B   | 0.5 BN | 199     | Rear Speaker Output (+) |

### Speaker - Left Rear (U66) - Speaker - Left Rear (U66)

Speaker - Left Rear (U66)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12064869
- Service: 12117323
- Description: 2-Way F Metri-Pack 150 Series (BU)

### Terminal Part Information

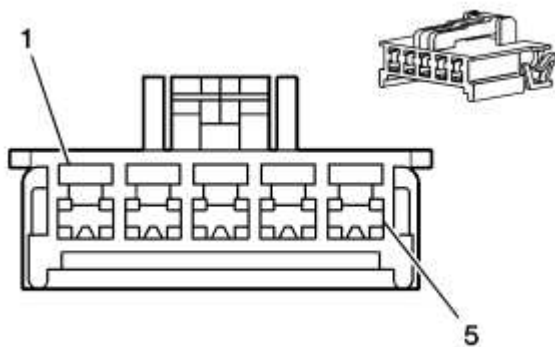
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

### Speaker - Left Rear (U66)

| Pin | Wire   | Circuit | Function                              |
|-----|--------|---------|---------------------------------------|
| A   | 0.8 YE | 116     | Left Rear Midrange Speaker Output (-) |
| B   | 0.8 BN | 199     | Left Rear Midrange Speaker Output (+) |

### Speaker - Right (U65) - Speaker - Right (U65)

Speaker - Right (U65)



 [Click here for full size](#)

### Connector Part Information

- OEM: 6098-2180
- Service: 88988384
- Description: 5-Way F 90 Type Series (BK)

### Terminal Part Information

- Pins: 5, 4
- Terminal/Tray: 8240-4652/22
- Core/Insulation Crimp: 2/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)
- Pins: 3 - 1
- Terminal/Tray: 8240-4412/22

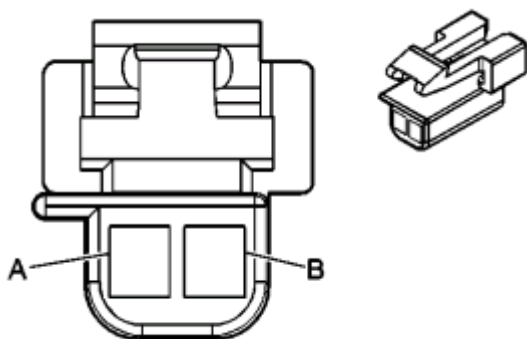
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Speaker - Right (U65)

| Pin | Wire      | Circuit | Function                                 |
|-----|-----------|---------|------------------------------------------|
| 1   | 0.35 L-BU | 5784    | Right Front Subwoofer Speaker Output (+) |
| 2   | 0.35 D-BU | 5785    | Right Front Subwoofer Speaker Output (-) |
| 3   | 0.35 WH   | 1487    | Antenna Enable Signal                    |
| 4   | 2 BK/WH   | 651     | Ground                                   |
| 5   | 2 RD/BK   | 142     | Battery Positive Voltage                 |

### Speaker - Right Front (U66) - Speaker - Right Front (U66)

Speaker - Right Front (U66)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12064869
- Service: 12117323
- Description: 2-Way F Metri-Pack 150 Series (BU)

#### Terminal Part Information

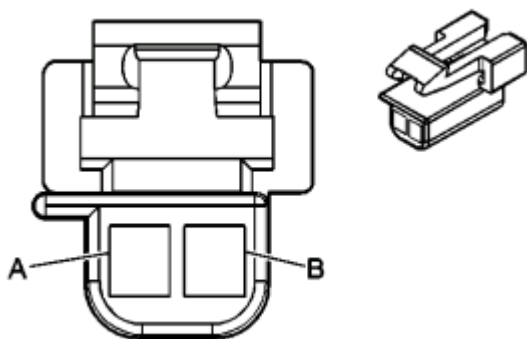
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

### Speaker - Right Front (U66)

| Pin | Wire     | Circuit | Function                                |
|-----|----------|---------|-----------------------------------------|
| A   | 0.5 D-GN | 1953    | Right Front Midrange Speaker Output (-) |
| B   | 0.5 OG   | 1853    | Right Front Midrange Speaker Output (+) |

### Speaker - Right Front Subwoofer (U66) - Speaker - Right Front Subwoofer (U66)

Speaker - Right Front Subwoofer (U66)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12064869
- Service: 12117323
- Description: 2-Way F Metri-Pack 150 Series (BU)

#### Terminal Part Information

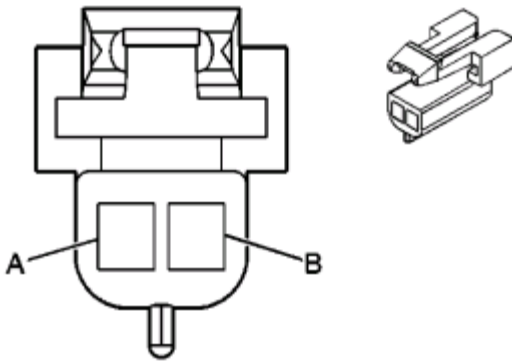
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

### Speaker - Right Front Subwoofer (U66)

| Pin | Wire   | Circuit | Function                                 |
|-----|--------|---------|------------------------------------------|
| A   | 1 D-GN | 117     | Right Front Subwoofer Speaker Output (-) |
| B   | 1 L-GN | 200     | Right Front Subwoofer Speaker Output (+) |

### Speaker - Right Front (U65) - Speaker - Right Front (U65)

Speaker - Right Front (U65)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12052832
- Service: 12101825
- Description: 2-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

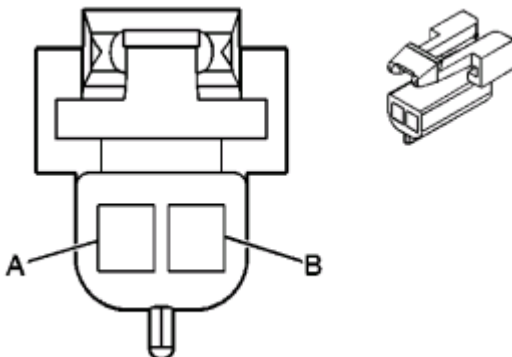
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Speaker - Right Front (U65)

| Pin | Wire     | Circuit | Function                                |
|-----|----------|---------|-----------------------------------------|
| A   | 0.5 D-GN | 1953    | Right Front Midrange Speaker Output (-) |
| B   | 0.5 OG   | 1853    | Right Front Midrange Speaker Output (+) |

#### Speaker - Right Rear (U65) - Speaker - Right Rear (U65)

Speaker - Right Rear (U65)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12052832
- Service: 12101825
- Description: 2-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

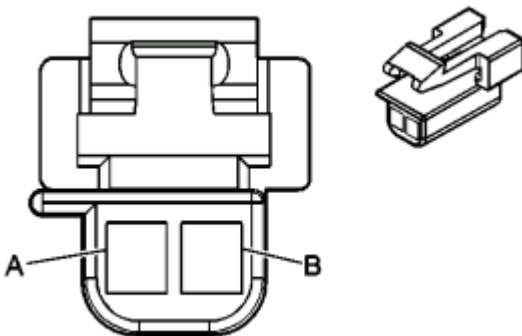
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

### Speaker - Right Rear (U65)

| Pin | Wire   | Circuit | Function                |
|-----|--------|---------|-------------------------|
| A   | 0.5 YE | 116     | Rear Speaker Output (-) |
| B   | 0.5 BN | 199     | Rear Speaker Output (+) |

### Speaker - Right Rear (U66) - Speaker - Right Rear (U66)

Speaker - Right Rear (U66)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12064869
- Service: 12117323
- Description: 2-Way F Metri-Pack 150 Series (BU)

### Terminal Part Information

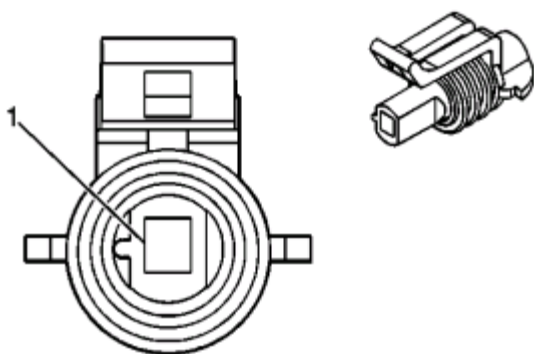
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

### Speaker - Right Rear (U66)

| Pin | Wire     | Circuit | Function                               |
|-----|----------|---------|----------------------------------------|
| A   | 0.8 L-BU | 115     | Right Rear Midrange Speaker Output (-) |
| B   | 0.8 D-BU | 46      | Right Rear Midrange Speaker Output (+) |

### Starter Motor - Starter Motor

Starter Motor



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### Connector Part Information

- OEM: 15481001
- Service: 88988118
- Description: 1-Way F Metri-Pack 280 Series, Sealed (BK)

### Terminal Part Information

- Terminal/Tray: 12176387/3
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)

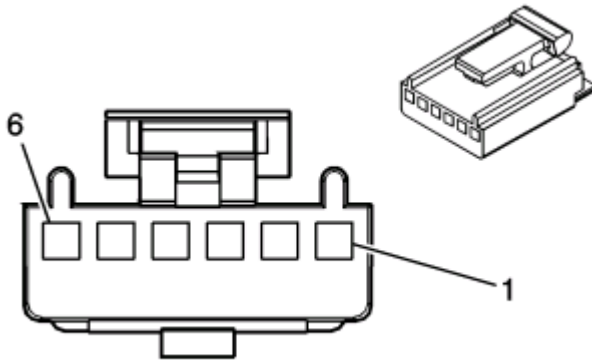
### Starter Motor



| Pin | Wire | Circuit | Function                       |
|-----|------|---------|--------------------------------|
| 1   | 3 PU | 6       | Starter Solenoid Crank Voltage |

## Steering Angle Sensor (JL4) - Steering Angle Sensor (JL4)

Steering Angle Sensor (JL4)



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### Connector Part Information

- OEM: 12064978
- Service: 12125678
- Description: 6-Way F Micro-Pack 100 Series (GY)

### Terminal Part Information

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

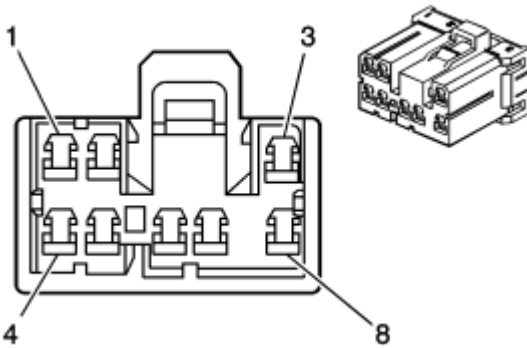
## Steering Angle Sensor (JL4)

| Pin | Wire      | Circuit | Function                         |
|-----|-----------|---------|----------------------------------|
| 1   | 0.35 D-GN | 2087    | 5V                               |
| 2   | 0.35 L-BU | 2088    | Low Reference                    |
| 3-4 | —         | —       | Not Used                         |
| 5   | 0.35 L-GN | 1763    | Steering Wheel Position Signal A |
| 6   | 0.35 L-BU | 1764    | Steering Wheel Position Signal B |

**Steering Column Lock Control Module X1 (MM6/MZ6 or MAE with MYC) - Steering Column Lock Control Module X1 (MM6/MZ6 or**

**MAE with MYC)**

Steering Column Lock Control Module X1 (MM6/MZ6 or MAE with MYC)



 [Click here for full size](#)

**Connector Part Information**

- OEM: 173850-1
- Service: 88953352
- Description: 8-Way F .070 SRS MCL Series (WH)

**Terminal Part Information**

- Pins: 1-3, 5, 7
- Terminal/Tray: 173630-7/7
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-33 (YE)
- Pins: 4, 6
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

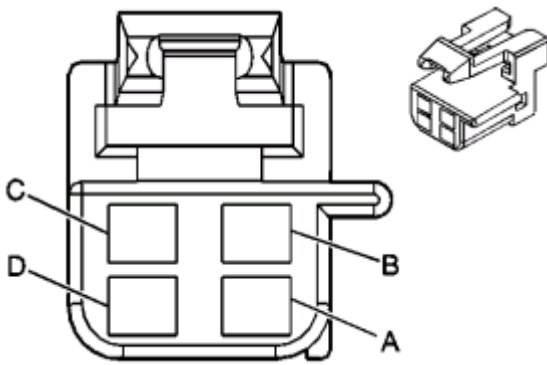
**Steering Column Lock Control Module X1 (MM6/MZ6 or MAE with MYC)**

| Pin | Wire            | Circuit | Function                                                |
|-----|-----------------|---------|---------------------------------------------------------|
| 1   | 0.35<br>D-GN/WH | 1932    | Transmission Shift Select Switch (Park)<br>Signal (MYC) |
|     | 0.35 L-GN       | 5007    | Reverse Switch 1 Signal (MM6/MZ6)                       |
| 2   | 0.35 RD/WH      | 840     | Battery Positive Voltage                                |
| 3   | 0.35 WH         | 5741    | Steering Lock Control                                   |
| 4   | 1 BK            | 1450    | Ground                                                  |

|   |         |      |                     |
|---|---------|------|---------------------|
| 5 | 0.35 PK | 639  | Ignition 1 Voltage  |
| 6 | 1 BK    | 1450 | Ground              |
| 7 | 0.35 OG | 5739 | Class 2 Serial Data |
| 8 | —       | —    | Not Used            |

### Steering Column Lock Control Module X2 (MM6/MZ6 or MAE with MYC) - Steering Column Lock Control Module X2 (MM6/MZ6 or MAE with MYC)

Steering Column Lock Control Module X2 (MM6/MZ6 or MAE with MYC)



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#### Connector Part Information

- OEM: 12064760
- Service: 12085208
- Description: 4-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

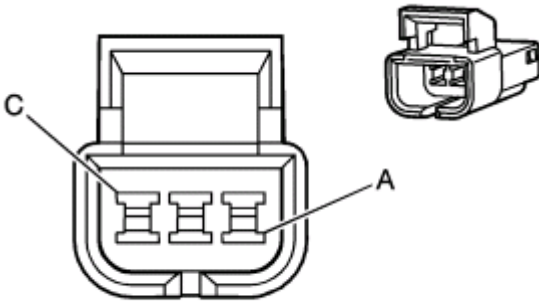
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Steering Column Lock Control Module X2 (MM6/MZ6 or MAE with MYC)

| Pin | Wire      | Circuit | Function                    |
|-----|-----------|---------|-----------------------------|
| A   | 0.35 L-GN | 1601    | Steering Column Lock Signal |
| B   | 0.35 BK   | 150     | Ground                      |
| C   | 0.5 PU    | 1604    | Steering Column Unlock      |
| D   | 0.5 OG    | 1603    | Steering Column Lock        |

## Steering Column Telescope Switch (N37/NP7) - Steering Column Telescope Switch (N37/NP7)

Steering Column Telescope Switch (N37/NP7)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12064759
- Service: 12117322
- Description: 3-Way M Metri-Pack 150 Series (BK)

### Terminal Part Information

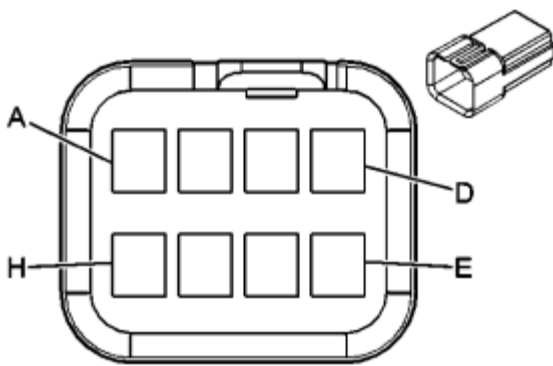
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## Steering Column Telescope Switch (N37/NP7)

| Pin | Wire       | Circuit | Function                                                 |
|-----|------------|---------|----------------------------------------------------------|
| A   | 0.35 OG    | 2095    | Steering Column Tilt and Telescope Reverse Switch Signal |
| B   | 0.35 PK    | 2094    | Steering Column Tilt and Telescope Forward Switch Signal |
| C   | 0.35 RD/WH | 440     | Battery Positive Voltage                                 |

## Steering Column Telescope Actuator (N37/NP7) - Steering Column Telescope Actuator (N37/NP7)

Steering Column Telescope Actuator (N37/NP7)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12045688
- Service: 12101827
- Description: 8-Way M Metri-Pack 150 Series (BK)

#### Terminal Part Information

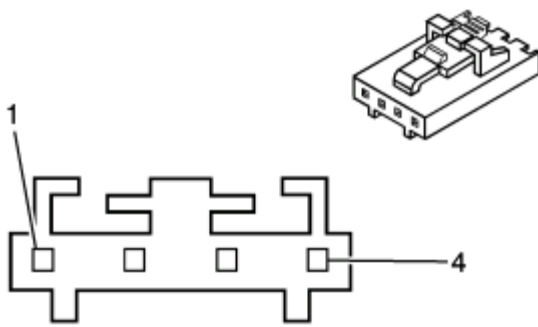
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Steering Column Telescope Actuator (N37/NP7)

| Pin | Wire      | Circuit | Function                                          |
|-----|-----------|---------|---------------------------------------------------|
| A   | 1 TN      | 2110    | Steering Column Telescope Motor Control - Reverse |
| B   | 1 RD      | 2098    | Steering Column Telescope Motor Control - Forward |
| C   | 0.35 OG   | 2153    | Steering Column Telescope Sensor Signal           |
| D   | 0.35 GY   | 788     | 5V                                                |
| E   | 0.35 D-BU | 782     | Low Reference                                     |
| F-H | —         | —       | Not Used                                          |

#### Steering Wheel Control Switch - Right (UK3) - Steering Wheel Control Switch - Right (UK3)

Steering Wheel Control Switch - Right (UK3)



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#### Connector Part Information

- OEM: 50-57-9404
- Service: See Catalog
- Description: 4-Way F SL Series (BK)

#### Terminal Part Information

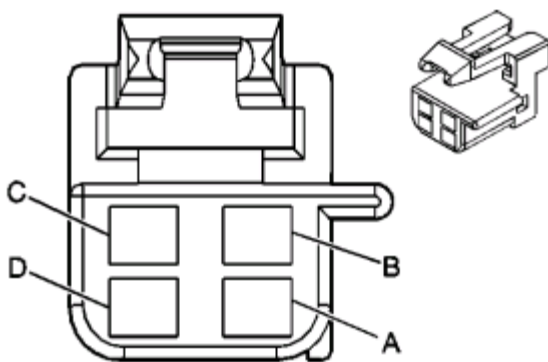
- Terminal/Tray: 16-02-1110/20
- Core/Insulation Crimp: H/H
- Release Tool/Test Probe: J-38125-213/J-35616-64B (L-BU)

#### Steering Wheel Control Switch - Right (UK3)

| Pin | Wire       | Circuit | Function                            |
|-----|------------|---------|-------------------------------------|
| 1   | 0.35 BK    | 1450    | Ground                              |
| 2   | 0.35 PU/WH | 1375    | Remote Radio Control Supply Voltage |
| 3   | 0.35 YE    | 1491    | Backlight Lamps Control             |
| 4   | 0.35 D-BU  | 1796    | Steering Wheel Control Signal       |

#### Sunload Sensor - Sunload Sensor

Sunload Sensor



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12064760
- Service: 12085208
- Description: 4-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

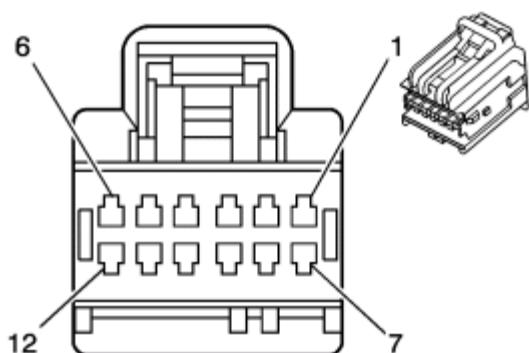
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Sunload Sensor

| Pin | Wire         | Circuit | Function                      |
|-----|--------------|---------|-------------------------------|
| A   | 0.35 L-BU/BK | 590     | Solar Sensor Driver Signal    |
| B   | 0.35 GY      | 1548    | Passenger Solar Sensor Signal |
| C   | 0.35 YE      | 61      | Low Reference                 |
| D   | 0.35 WH      | 278     | Ambient Light Sensor Signal   |

#### Suspension Control Switch (F55) - Suspension Control Switch (F55)

Suspension Control Switch (F55)



 [Click here for full size](#)

### Connector Part Information

- OEM: 31410-1121
- Service: See Catalog
- Description: 12-Way F 064 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

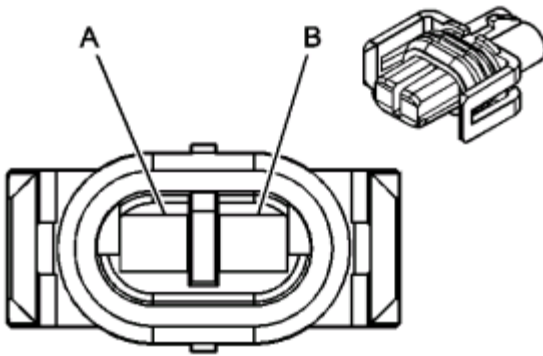
### Suspension Control Switch (F55)

| Pin | Wire       | Circuit | Function                              |
|-----|------------|---------|---------------------------------------|
| 1-4 | —          | —       | Not Used                              |
| 5   | 0.35 GY/BK | 1458    | Instrument Panel Lamps Supply Voltage |
| 6   | 0.35 BK    | 1550    | Ground                                |
| 7-9 | —          | —       | Not Used                              |
| 10  | 0.35 TN/WH | 1384    | Selective Ride Control Switch Signal  |
| 11  | —          | —       | Not Used                              |
| 12  | 0.35 BK    | 1550    | Ground                                |

### Suspension Damper Solenoid - Left Front (F55) - Suspension Damper Solenoid - Left Front (F55)

Suspension Damper Solenoid - Left Front (F55)





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#### Connector Part Information

- OEM: 15305168
- Service: 12167117
- Description: 2-Way F Metri-Pack 150 Series (GY)
- Suspension Damper Adapter
- OEM: 15359261
- Service: 88953232
- Description: 2-Way M Metri-Pack 150 Series (GY)

#### Terminal Part Information

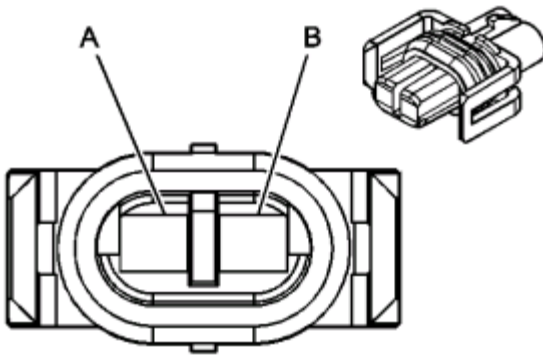
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Suspension Damper Solenoid - Left Front (F55)

| Pin | Wire        | Circuit | Function                  |
|-----|-------------|---------|---------------------------|
| A   | 0.8 L-BU/WH | 1107    | Left Front Damper Control |
| B   | 0.8 GY      | 1113    | Low Reference             |

#### Suspension Damper Solenoid - Left Rear (F55) - Suspension Damper Solenoid - Left Rear (F55)

Suspension Damper Solenoid - Left Rear (F55)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15305168
- Service: 12167117
- Description: 2-Way F Metri-Pack 150 Series (GY)
- Suspension Damper Adapter
- OEM: 15359261
- Service: 88953232
- Description: 2-Way M Metri-Pack 150 Series (GY)

#### Terminal Part Information

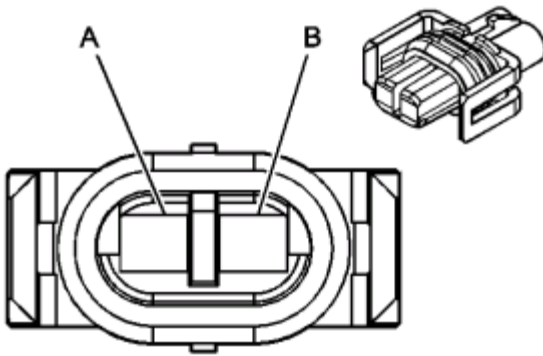
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Suspension Damper Solenoid - Left Rear (F55)

| Pin | Wire      | Circuit | Function                 |
|-----|-----------|---------|--------------------------|
| A   | 1 D-BU/WH | 1114    | Left Rear Damper Control |
| B   | 1 D-GN    | 1115    | Low Reference            |

#### Suspension Damper Solenoid - Right Front (F55) - Suspension Damper Solenoid - Right Front (F55)

Suspension Damper Solenoid - Right Front (F55)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15305168
- Service: 12167117
- Description: 2-Way F Metri-Pack 150 Series (GY)
- Suspension Damper Adapter
- OEM: 15359261
- Service: 88953232
- Description: 2-Way M Metri-Pack 150 Series (GY)

#### Terminal Part Information

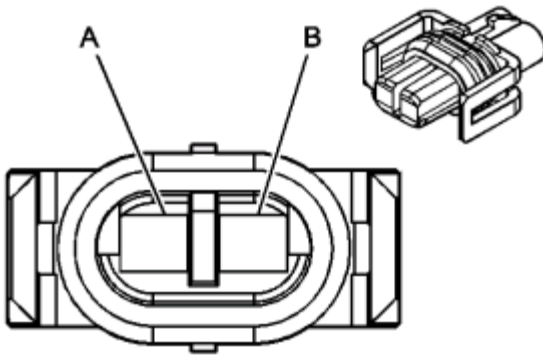
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Suspension Damper Solenoid - Right Front (F55)

| Pin | Wire        | Circuit | Function                   |
|-----|-------------|---------|----------------------------|
| A   | 0.8 L-BU/WH | 1116    | Right Front Damper Control |
| B   | 0.8 GY      | 1117    | Low Reference              |

#### Suspension Damper Solenoid - Right Rear (F55) - Suspension Damper Solenoid - Right Rear (F55)

Suspension Damper Solenoid - Right Rear (F55)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15305168
- Service: 12167117
- Description: 2-Way F Metri-Pack 150 Series (GY)
- Suspension Damper Adapter
- OEM: 15359261
- Service: 88953232
- Description: 2-Way M Metri-Pack 150 Series (GY)

#### Terminal Part Information

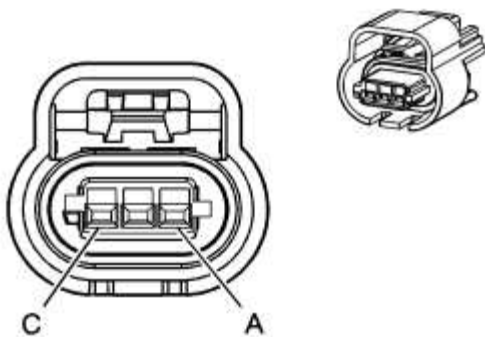
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Suspension Damper Solenoid - Right Rear (F55)

| Pin | Wire      | Circuit | Function                  |
|-----|-----------|---------|---------------------------|
| A   | 1 D-BU/WH | 1118    | Right Rear Damper Control |
| B   | 0.8 D-GN  | 1119    | Low Reference             |

#### Suspension Position Sensor - Left Front (FE2) - Suspension Position Sensor - Left Front (FE2)

Suspension Position Sensor - Left Front (FE2)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15326556
- Service: 88953359
- Description: 3-Way F GT 150 Series (BK)

#### Terminal Part Information

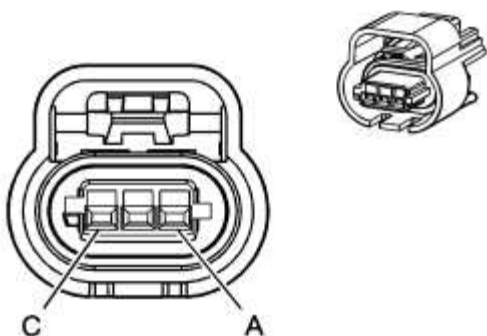
- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Suspension Position Sensor - Left Front (FE2)

| Pin | Wire            | Circuit | Function                                                |
|-----|-----------------|---------|---------------------------------------------------------|
| A   | 0.35 PU/WH      | 1205    | Left Front Suspension Position Sensor Voltage Reference |
| B   | 0.35 TN/WH      | 1207    | Left Front Suspension Position Sensor Signal            |
| C   | 0.35<br>L-BU/BK | 1206    | Low Reference                                           |

#### Suspension Position Sensor - Left Rear (FE2) - Suspension Position Sensor - Left Rear (FE2)

Suspension Position Sensor - Left Rear (FE2)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15326556
- Service: 88953359
- Description: 3-Way F GT 150 Series (BK)

#### Terminal Part Information

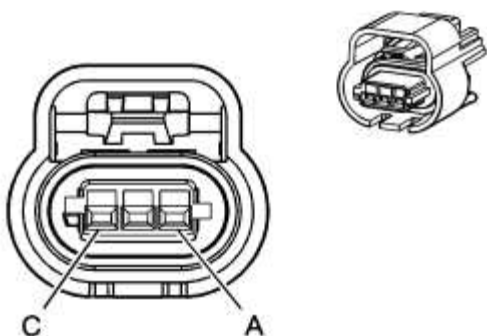
- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Suspension Position Sensor - Left Rear (FE2)

| Pin | Wire         | Circuit | Function                                               |
|-----|--------------|---------|--------------------------------------------------------|
| A   | 0.35 OG/BK   | 1208    | Left Rear Suspension Position Sensor Voltage Reference |
| B   | 0.35 L-GN/WH | 1210    | Left Rear Suspension Position Sensor Signal            |
| C   | 0.35 L-GN/BK | 1209    | Low Reference                                          |

#### Suspension Position Sensor - Right Front (FE2) - Suspension Position Sensor - Right Front (FE2)

Suspension Position Sensor - Right Front (FE2)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15326556
- Service: 88953359
- Description: 3-Way F GT 150 Series (BK)

#### Terminal Part Information

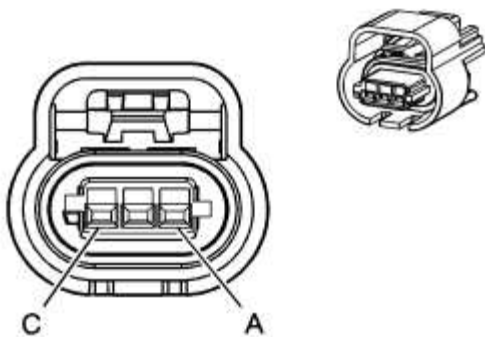
- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Suspension Position Sensor - Right Front (FE2)

| Pin | Wire            | Circuit | Function                                                 |
|-----|-----------------|---------|----------------------------------------------------------|
| A   | 0.35 PU/WH      | 1211    | Right Front Suspension Position Sensor Voltage Reference |
| B   | 0.35 TN/WH      | 1213    | Right Front Suspension Position Sensor Signal            |
| C   | 0.35<br>L-BU/BK | 1212    | Low Reference                                            |

#### Suspension Position Sensor - Right Rear (FE2) - Suspension Position Sensor - Right Rear (FE2)

Suspension Position Sensor - Right Rear (FE2)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15326556
- Service: 88953359
- Description: 3-Way F GT 150 Series (BK)

#### Terminal Part Information

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

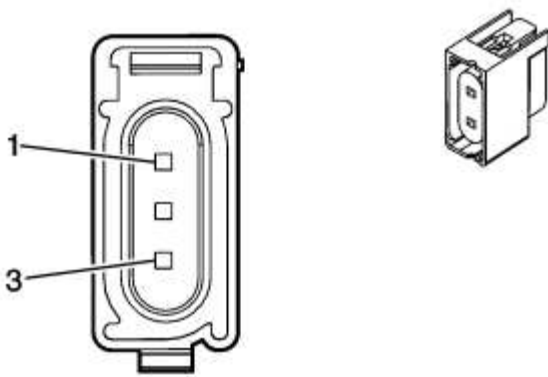
#### Suspension Position Sensor - Right Rear (FE2)

| Pin | Wire         | Circuit | Function                                                |
|-----|--------------|---------|---------------------------------------------------------|
| A   | 0.35 OG/BK   | 1214    | Right Rear Suspension Position Sensor Voltage Reference |
| B   | 0.35 L-GN/WH | 1216    | Right Rear Suspension Position Sensor Signal            |
| C   | 0.35 L-GN/BK | 1215    | Low Reference                                           |

#### Tail/Stop Lamp - Left (T79) - Tail/Stop Lamp - Left (T79)

Tail/Stop Lamp - Left (T79)





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#### Connector Part Information

- OEM: ZFJ-00703-UA
- Service: See Catalog
- Description: 3-Way F Axial 3-Wire Connector Assembly (BN)

#### Terminal Part Information

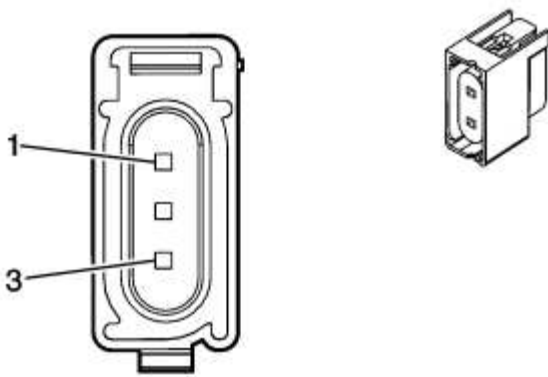
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

#### Tail/Stop Lamp - Left (T79)

| Pin | Wire     | Circuit | Function                 |
|-----|----------|---------|--------------------------|
| 1   | 0.8 BK   | 750     | Ground                   |
| 2   | 0.5 BN   | 9       | Park Lamp Supply Voltage |
| 3   | 0.8 L-BU | 20      | Stop Lamp Supply Voltage |

#### Tail/Stop Lamp - Right (T79) - Tail/Stop Lamp - Right (T79)

Tail/Stop Lamp - Right (T79)



 [Click here for full size](#)

#### Connector Part Information

- OEM: ZFJ-00703-UA
- Service: See Catalog
- Description: 3-Way F Axial 3-Wire Connector Assembly (BN)

#### Terminal Part Information

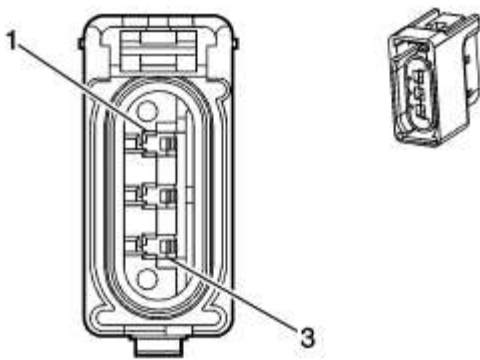
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

#### Tail/Stop Lamp - Right (T79)

| Pin | Wire     | Circuit | Function                 |
|-----|----------|---------|--------------------------|
| 1   | 0.8 BK   | 750     | Ground                   |
| 2   | 0.5 BN   | 9       | Park Lamp Supply Voltage |
| 3   | 0.8 L-BU | 20      | Stop Lamp Supply Voltage |

#### Tail/Stop and Turn Signal Lamp - Left Inner (without T79) - Tail/Stop and Turn Signal Lamp - Left Inner (without T79)

Tail/Stop and Turn Signal Lamp - Left Inner (without T79)



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### Connector Part Information

- OEM: ZFI-00701-UA
- Service: See Catalog
- Description: 3-Way F Low Profile 3-Wire Connector Assembly (BK)

### Terminal Part Information

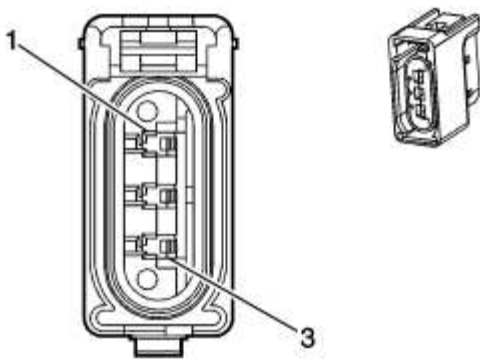
- Pins: 1, 3
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)
- Pins: 2
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

### Tail/Stop and Turn Signal Lamp - Left Inner (without T79)

| Pin | Wire   | Circuit | Function                                |
|-----|--------|---------|-----------------------------------------|
| 1   | 0.8 BK | 750     | Ground                                  |
| 2   | 0.5 BN | 9       | Park Lamp Supply Voltage                |
| 3   | 0.8 YE | 18      | Left Rear Stop/Turn Lamp Supply Voltage |

### Tail/Stop and Turn Signal Lamp - Left Outer (without T79) - Tail/Stop and Turn Signal Lamp - Left Outer (without T79)

Tail/Stop and Turn Signal Lamp - Left Outer (without T79)



 [Click here for full size](#)

### Connector Part Information

- OEM: ZFI-00701-UA
- Service: See Catalog
- Description: 3-Way F Low Profile 3-Wire Connector Assembly (BK)

### Terminal Part Information

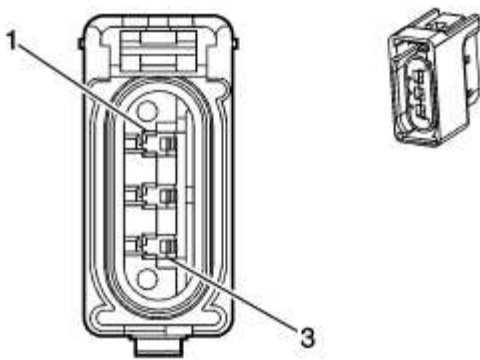
- Pins: 1, 3
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)
- Pins: 2
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

### Tail/Stop and Turn Signal Lamp - Left Outer (without T79)

| Pin | Wire   | Circuit | Function                                |
|-----|--------|---------|-----------------------------------------|
| 1   | 0.8 BK | 750     | Ground                                  |
| 2   | 0.5 BN | 9       | Park Lamp Supply Voltage                |
| 3   | 0.8 YE | 18      | Left Rear Stop/Turn Lamp Supply Voltage |

### Tail/Stop and Turn Signal Lamp - Right Inner (without T79) - Tail/Stop and Turn Signal Lamp - Right Inner (without T79)

Tail/Stop and Turn Signal Lamp - Right Inner (without T79)



 [Click here for full size](#)

### Connector Part Information

- OEM: ZFI-00701-UA
- Service: See Catalog
- Description: 3-Way F Low Profile 3-Wire Connector Assembly (BK)

### Terminal Part Information

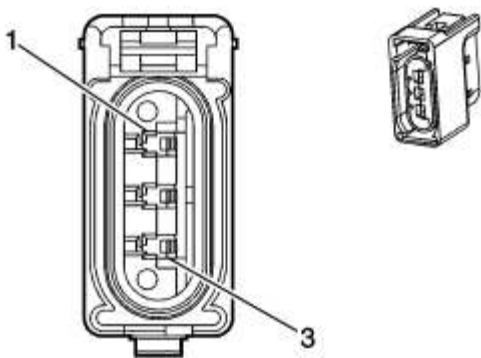
- Pins: 1, 3
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)
- Pins: 2
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

### Tail/Stop and Turn Signal Lamp - Right Inner (without T79)

| Pin | Wire     | Circuit | Function                                 |
|-----|----------|---------|------------------------------------------|
| 1   | 0.8 BK   | 750     | Ground                                   |
| 2   | 0.5 BN   | 9       | Park Lamp Supply Voltage                 |
| 3   | 0.8 D-GN | 19      | Right Rear Stop/Turn Lamp Supply Voltage |

### Tail/Stop and Turn Signal Lamp - Right Outer (without T79) - Tail/Stop and Turn Signal Lamp - Right Outer (without T79)

Tail/Stop and Turn Signal Lamp - Right Outer (without T79)



 [Click here for full size](#)

#### Connector Part Information

- OEM: ZFI-00701-UA
- Service: See Catalog
- Description: 3-Way F Low Profile 3-Wire Connector Assembly (BK)

#### Terminal Part Information

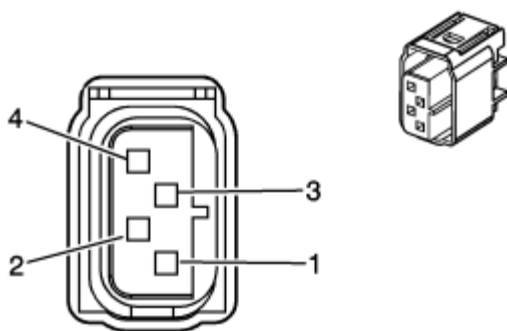
- Pins: 1, 3
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)
- Pins: 2
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

#### Tail/Stop and Turn Signal Lamp - Right Outer (without T79)

| Pin | Wire     | Circuit | Function                                 |
|-----|----------|---------|------------------------------------------|
| 1   | 0.8 BK   | 750     | Ground                                   |
| 2   | 0.5 BN   | 9       | Park Lamp Supply Voltage                 |
| 3   | 0.8 D-GN | 19      | Right Rear Stop/Turn Lamp Supply Voltage |

#### Theft Deterrent Alarm Siren (UA2) - Theft Deterrent Alarm Siren (UA2)

Theft Deterrent Alarm Siren (UA2)



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#### Connector Part Information

- OEM: 1-967640-1
- Service: 88953370
- Description: 4-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

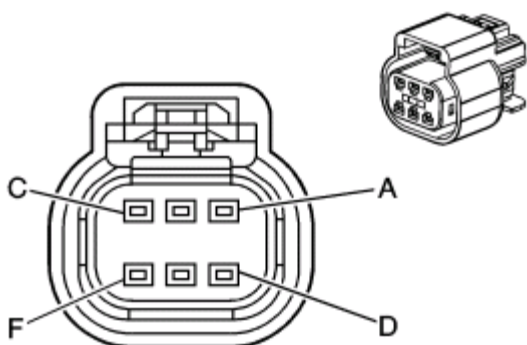
- Terminal/Tray: 962885-5/15
- Core/Insulation Crimp: 6/6
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

#### Theft Deterrent Alarm Siren (UA2)

| Pin | Wire       | Circuit | Function                   |
|-----|------------|---------|----------------------------|
| 1   | 0.35 PK    | 639     | Ignition 1 Voltage         |
| 2   | 0.35 RD/WH | 1240    | Battery Positive Voltage   |
| 3   | 0.35 TN/BK | 5168    | Power Sender Enable Signal |
| 4   | 0.35 BK    | 1150    | Ground (Coupe/Z06)         |
|     | 0.35 BK    | 750     | Ground (Convertible)       |

#### Throttle Body - Throttle Body

Throttle Body



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

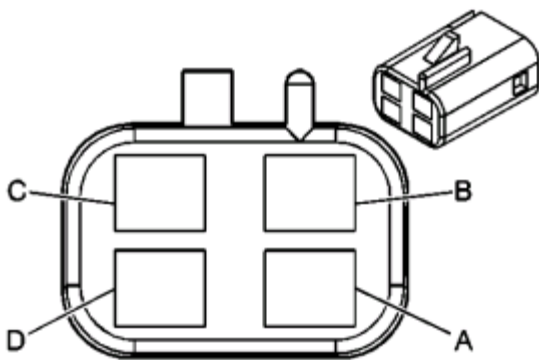
### Throttle Body

| Pin | Wire         | Circuit | Function                                          |
|-----|--------------|---------|---------------------------------------------------|
| A   | 0.5 BN       | 582     | Throttle Actuator Control (TAC) Motor Control - 2 |
| B   | 0.5 YE       | 581     | Throttle Actuator Control (TAC) Motor Control - 1 |
| C   | 0.35 TN/WH   | 1704    | Low Reference                                     |
| D   | 0.35 D-GN    | 485     | Throttle Position Sensor 1 Signal                 |
| E   | 0.35 L-BU/BK | 1688    | 5V2                                               |
| F   | 0.35 PU      | 486     | Throttle Position Sensor 2 Signal                 |

### Traction Control Switch (TCS) - Traction Control Switch (TCS)

Traction Control Switch (TCS)





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#### Connector Part Information

- OEM: 12047785
- Service: 12102900
- Description: 4-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

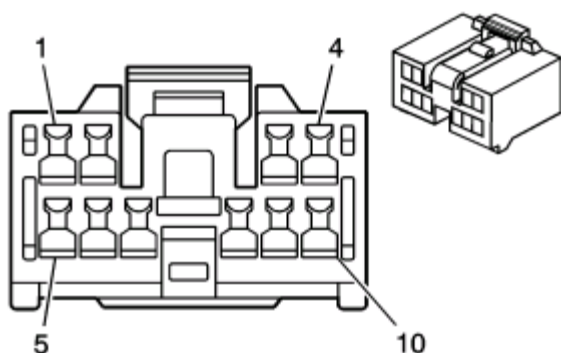
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Traction Control Switch (TCS)

| Pin | Wire       | Circuit | Function                             |
|-----|------------|---------|--------------------------------------|
| A   | 0.35 BK    | 1550    | Ground                               |
| B   | —          | —       | Not Used                             |
| C   | 0.35 BN/WH | 1571    | Traction Control Switch Signal       |
| D   | 0.35 GY/BK | 1458    | Instrument Panel Lamp Supply Voltage |

#### Traffic Information Receiver (U3Z) - Traffic Information Receiver (U3Z)

Traffic Information Receiver (U3Z)



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### Connector Part Information

- OEM: 4F1012-0001
- Service: 15316408
- Description: 10-Way F 050 Series (NA)

### Terminal Part Information

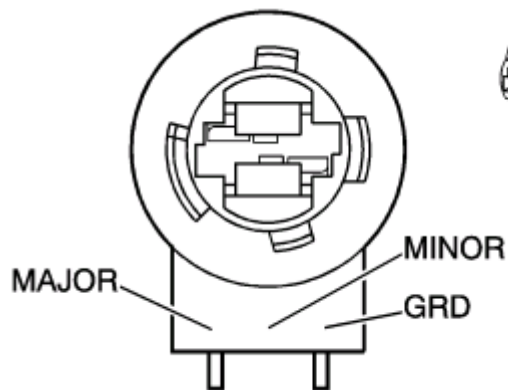
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Traffic Information Receiver (U3Z)

| Pin  | Wire      | Circuit | Function                                                       |
|------|-----------|---------|----------------------------------------------------------------|
| 1    | 0.35 GY   | 5383    | Vehicle Identification Communication System High Signal        |
| 2    | 0.35 BN   | 5384    | Vehicle Identification Communication System Low Signal         |
| 3    | 0.5 RD/WH | 740     | Battery Positive Voltage                                       |
| 4    | 0.35 YE   | 43      | Accessory Voltage Signal                                       |
| 5    | 0.5 BK/WH | 651     | Ground                                                         |
| 6    | 0.35 YE   | 5385    | Vehicle Identification Communication System Bus Request Signal |
| 7    | 0.35 BARE | 514     | Drain                                                          |
| 8-10 | —         | —       | Not Used                                                       |

## Turn Signal Lamp - Left Front (T90) - Turn Signal Lamp - Left Front (T90)

Turn Signal Lamp - Left Front (T90)



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### Connector Part Information

- OEM: 15450288
- Service: See Catalog
- Description: 2-Way F Low-Profile Socket Assembly, Single Filament (BK)

### Terminal Part Information

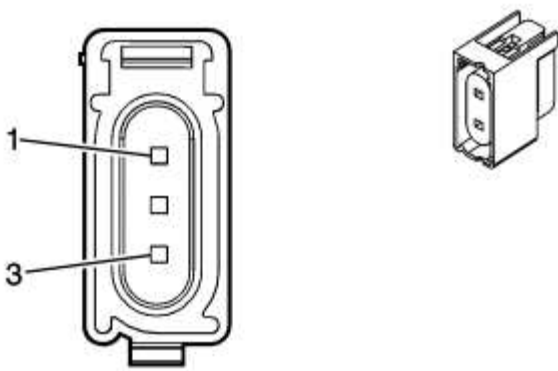
- Terminal/Tray: Service With Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: N/A

## Turn Signal Lamp - Left Front (T90)

| Pin   | Wire        | Circuit | Function                                   |
|-------|-------------|---------|--------------------------------------------|
| GRD   | 0.5 BK      | 1350    | Ground                                     |
| MINOR | —           | —       | Not Available                              |
| MAJOR | 0.5 L-BU/WH | 1314    | Left Front Turn Signal Lamp Supply Voltage |

## Turn Signal Lamp - Left Rear (T79) - Turn Signal Lamp - Left Rear (T79)

Turn Signal Lamp - Left Rear (T79)



 [Click here for full size](#)

#### Connector Part Information

- OEM: ZFI-00700-UA
- Service: See Catalog
- Description: 3-Way F Low Profile 2-Wire Connector Assembly (GY)

#### Terminal Part Information

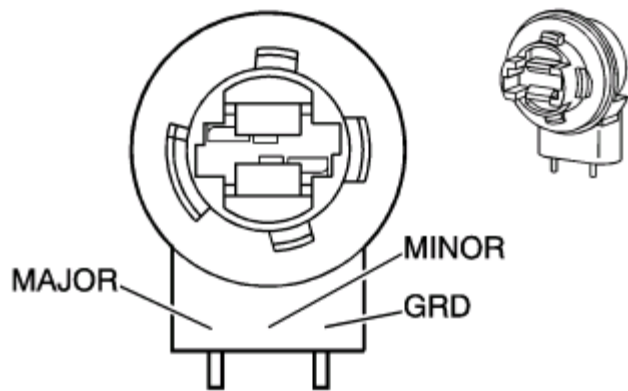
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

#### Turn Signal Lamp - Left Rear (T79)

| Pin | Wire   | Circuit | Function                                |
|-----|--------|---------|-----------------------------------------|
| 1   | 0.8 BK | 750     | Ground                                  |
| 2   | —      | —       | Not Available                           |
| 3   | 0.8 YE | 18      | Left Rear Stop/Turn Lamp Supply Voltage |

#### Turn Signal Lamp - Right Front (T90) - Turn Signal Lamp - Right Front (T90)

Turn Signal Lamp - Right Front (T90)



 [Click here for full size](#)

### Connector Part Information

- OEM: 15450288
- Service: See Catalog
- Description: 2-Way F Low-Profile Socket Assembly, Single Filament (BK)

### Terminal Part Information

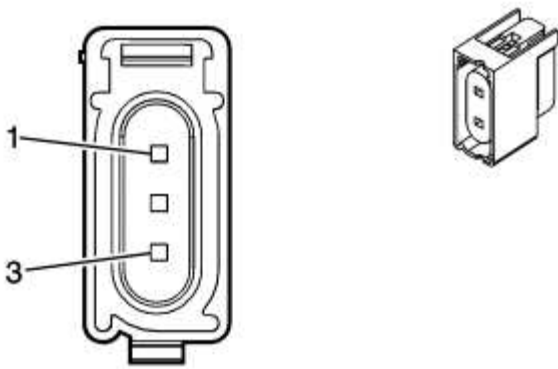
- Terminal/Tray: Service With Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: N/A

### Turn Signal Lamp - Right Front (T90)

| Pin   | Wire           | Circuit | Function                                    |
|-------|----------------|---------|---------------------------------------------|
| GRD   | 0.5 BK         | 1250    | Ground                                      |
| MINOR | —              | —       | Not Available                               |
| MAJOR | 0.5<br>D-BU/WH | 1315    | Right Front Turn Signal Lamp Supply Voltage |

### Turn Signal Lamp - Right Rear (T79) - Turn Signal Lamp - Right Rear (T79)

Turn Signal Lamp - Right Rear (T79)



 [Click here for full size](#)

#### Connector Part Information

- OEM: ZFI-00700-UA
- Service: See Catalog
- Description: 3-Way F Low Profile 2-Wire Connector Assembly (GY)

#### Terminal Part Information

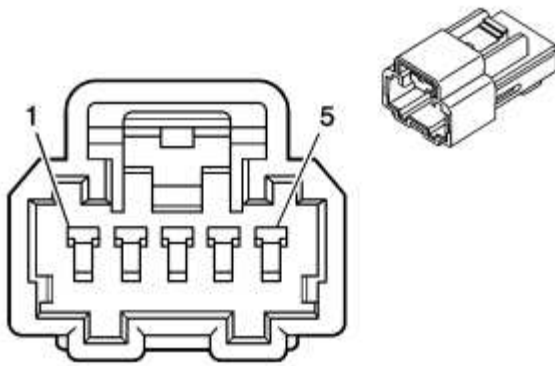
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

#### Turn Signal Lamp - Right Rear (T79)

| Pin | Wire     | Circuit | Function                                 |
|-----|----------|---------|------------------------------------------|
| 1   | 0.8 BK   | 750     | Ground                                   |
| 2   | —        | —       | Not Available                            |
| 3   | 0.8 D-GN | 19      | Right Rear Stop/Turn Lamp Supply Voltage |

#### Turn Signal/Multifunction Switch X1 - Turn Signal/Multifunction Switch X1

Turn Signal/Multifunction Switch X1



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### Connector Part Information

- OEM: HCMW-5CA
- Service: See Catalog
- Description: 5-Way M HCM-W Male Housing (BK)

### Terminal Part Information

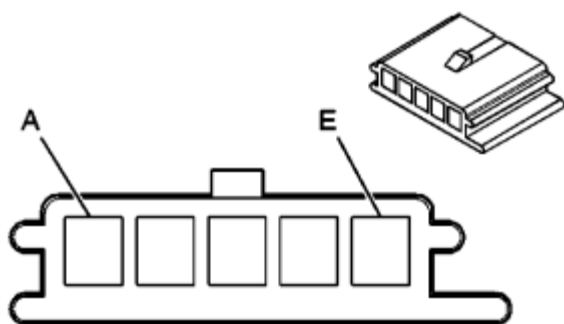
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Turn Signal/Multifunction Switch X1

| Pin | Wire       | Circuit | Function                                                        |
|-----|------------|---------|-----------------------------------------------------------------|
| 1   | 0.35<br>PK | 1039    | Ignition 1 Voltage                                              |
| 2   | 0.35<br>YE | 1977    | Rear Fog Lamps Switch Signal (T79)                              |
| 3   | 0.35<br>BK | 1450    | Ground                                                          |
| 4   | 0.35<br>OG | 192     | Front Fog Lamp Switch Signal                                    |
| 5   | 0.35<br>GY | 1884    | Cruise Control Set/Coast and Resume/Accelerate<br>Switch Signal |

### Turn Signal/Multifunction Switch X2 - Turn Signal/Multifunction Switch X2

Turn Signal/Multifunction Switch X2



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12059800
- Service: 15306169
- Description: 5-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

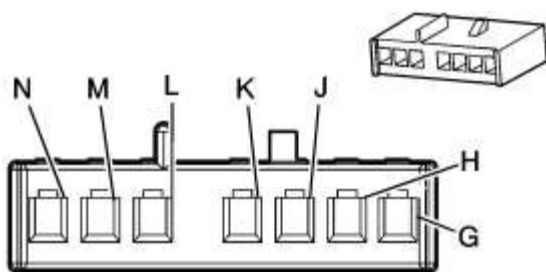
#### Turn Signal/Multifunction Switch X2

| Pin | Wire       | Circuit | Function                         |
|-----|------------|---------|----------------------------------|
| A   | 0.35 BN    | 1356    | Flash To Pass Switch Signal      |
| B   | 0.35 BK    | 1450    | Ground                           |
| C   | —          | —       | Not Used                         |
| D   | 0.35 PK/WH | 1970    | Headlamp Low Beam Relay Control  |
| E   | 0.35 PU    | 524     | Headlamp Switch High Beam Signal |

#### Turn Signal/Multifunction Switch X3 - Turn Signal/Multifunction Switch X3

Turn Signal/Multifunction Switch X3





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### Connector Part Information

- OEM: 15339058
- Service: See Catalog
- Description: 7-Way F Metri-Pack 150 Series (GY)

### Terminal Part Information

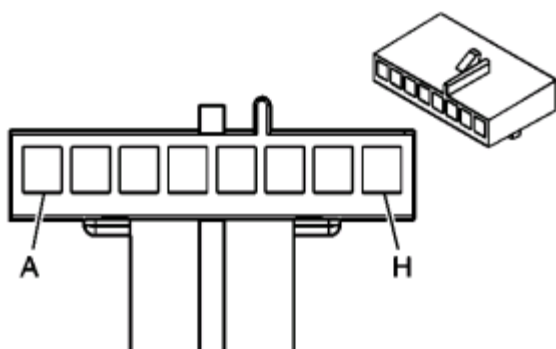
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Turn Signal/Multifunction Switch X3

| Pin | Wire       | Circuit | Function                             |
|-----|------------|---------|--------------------------------------|
| G-J | —          | —       | Not Used                             |
| K   | 0.35 BK    | 1450    | Ground                               |
| L   | 0.35 WH    | 103     | Headlamp Switch Headlamps On Signal  |
| M   | 0.35 BN/WH | 301     | Park Lamp Switch On Signal           |
| N   | 0.35 L-BU  | 1872    | Headlamp Switch Headlamps Off Signal |

### Turn Signal/Multifunction Switch X4 - Turn Signal/Multifunction Switch X4

Turn Signal/Multifunction Switch X4



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#### Connector Part Information

- OEM: 12064862
- Service: 12126438
- Description: 8-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

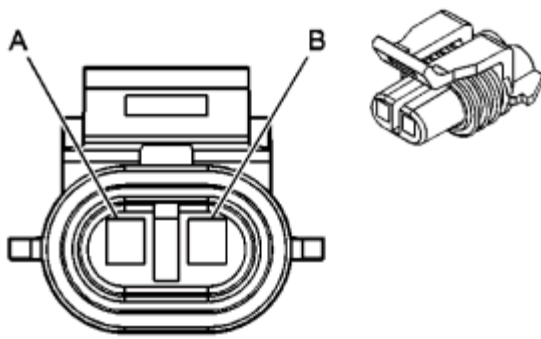
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Turn Signal/Multifunction Switch X4

| Pin | Wire         | Circuit | Function                        |
|-----|--------------|---------|---------------------------------|
| A-E | —            | —       | Not Used                        |
| F   | 0.35 L-BU/WH | 1414    | Left Turn Signal Switch Signal  |
| G   | 0.5 BK       | 1450    | Ground                          |
| H   | 0.35 D-BU/WH | 1415    | Right Turn Signal Switch Signal |

#### Underhood Lamp (SPO Accessory) - Underhood Lamp (SPO Accessory)

Underhood Lamp (SPO Accessory)



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#### Connector Part Information

- OEM: 12052641
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

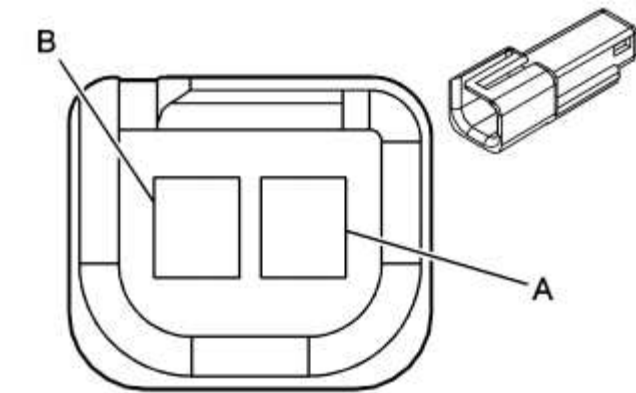
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Underhood Lamp (SPO Accessory)

| Pin | Wire    | Circuit | Function                      |
|-----|---------|---------|-------------------------------|
| A   | 0.35 OG | 1732    | Courtesy Lamps Supply Voltage |
| B   | 0.35 BK | 1250    | Ground                        |

#### Vanity Mirror Lamp - Left - Vanity Mirror Lamp - Left

Vanity Mirror Lamp - Left



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#### Connector Part Information

- OEM: 12047663
- Service: 12058709
- Description: 2-Way M Metri-Pack 150 Series (BK)

#### Terminal Part Information

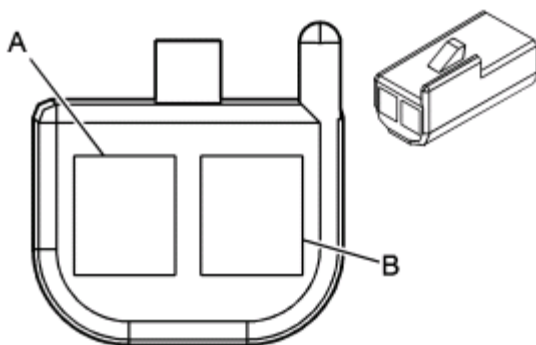
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Vanity Mirror Lamp - Left

| Pin | Wire    | Circuit | Function                      |
|-----|---------|---------|-------------------------------|
| A   | 0.35 GY | 1732    | Courtesy Lamps Supply Voltage |
| B   | 0.35 BK | 1550    | Ground                        |

#### Vanity Mirror Lamp - Right - Vanity Mirror Lamp - Right

Vanity Mirror 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

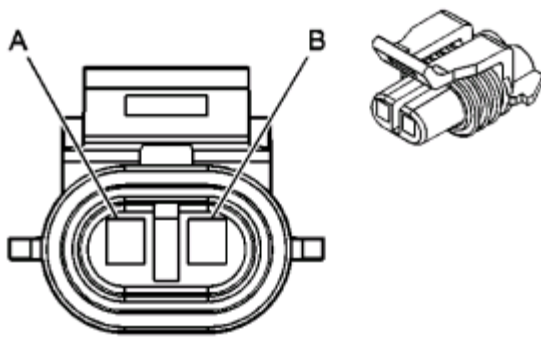
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Vanity Mirror Lamp - Right

| Pin | Wire    | Circuit | Function                      |
|-----|---------|---------|-------------------------------|
| A   | 0.35 OG | 1732    | Courtesy Lamps Supply Voltage |
| B   | 0.35 BK | 1550    | Ground                        |

#### Variable Effort Steering Actuator - Variable Effort Steering Actuator

Variable Effort Steering Actuator



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#### Connector Part Information

- OEM: 12186685
- Service: 12102747
- Description: 2-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

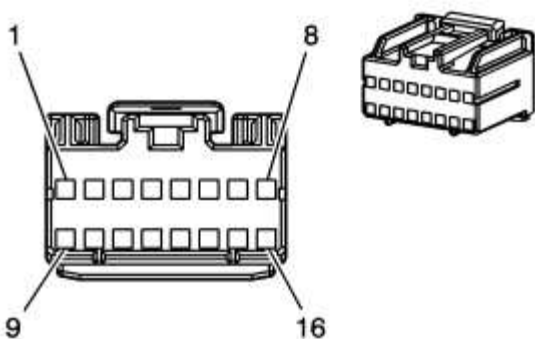
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: 2/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Variable Effort Steering Actuator

| Pin | Wire | Circuit | Function                                         |
|-----|------|---------|--------------------------------------------------|
| A   | 1 WH | 1294    | Variable Effort Steering Actuator Supply Voltage |
| B   | 1 BN | 1295    | Variable Effort Steering Actuator Control        |

#### Vehicle Communication Interface Module (VCIM) X1 (UE1) - Vehicle Communication Interface Module (VCIM) X1 (UE1)

Vehicle Communication Interface Module (VCIM) X1 (UE1)



 [Click here for full size](#)

### Connector Part Information

- OEM: 15431362
- Service: 15306351
- Description: 16-Way F 100A Micro-Pack Series (NA)

### Terminal Part Information

- Terminal/Tray: 15355438/20
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-16 (L-GN)

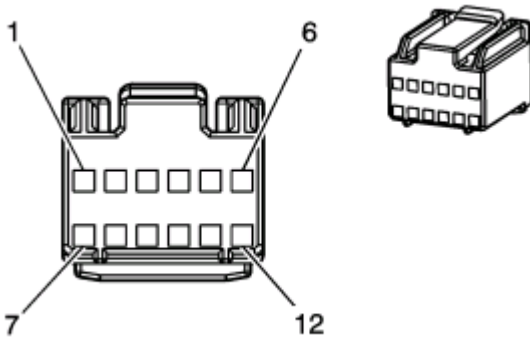
### Vehicle Communication Interface Module (VCIM) X1 (UE1)

| Pin   | Wire         | Circuit | Function                 |
|-------|--------------|---------|--------------------------|
| 1     | —            | —       | Not Used                 |
| 2     | 0.35 BN/WH   | 2517    | Keypad Red LED           |
| 3     | 0.35 YE/BK   | 2516    | Keypad Green LED         |
| 4-5   | —            | —       | Not Used                 |
| 6     | 0.35 L-GN/BK | 2515    | Keypad Supply Voltage    |
| 7     | —            | —       | Not Used                 |
| 8     | 0.5 BK/WH    | 651     | Signal Ground            |
| 9-10  | —            | —       | Not Used                 |
| 11    | 0.35 D-GN/WH | 2514    | Keypad Signal            |
| 12-14 | —            | —       | Not Used                 |
| 15    | 0.5 RD/WH    | 140     | Battery Positive Voltage |
| 16    | —            | —       | Not Used                 |

### Vehicle Communication Interface Module (VCIM) X2 (UE1) -

**Vehicle Communication Interface Module (VCIM) X2 (UE1)**

Vehicle Communication Interface Module (VCIM) X2 (UE1)


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**Connector Part Information**

- OEM: 15431365
- Service: See Catalog
- Description: 12-Way F 100A Micro-Pack Series (NA)

**Terminal Part Information**

- Terminal/Tray: 15355438/20
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-16 (L-GN)

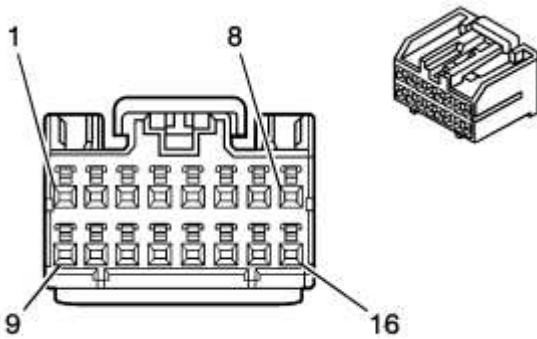
**Vehicle Communication Interface Module (VCIM) X2 (UE1)**

| Pin   | Wire       | Circuit | Function                                      |
|-------|------------|---------|-----------------------------------------------|
| 1     | 0.35 OG/BK | 1406    | Remote Tape Player Left Audio Signal          |
| 2     | 0.35 L-BU  | 1405    | Remote Tape Player Audio Communication Signal |
| 3-5   | —          | —       | Not Used                                      |
| 6     | 0.35 L-GN  | 2271    | Class 2 Serial Data                           |
| 7     | —          | —       | Not Used                                      |
| 8     | 0.35 BK    | 9012    | Right Front Audio Drain Wire                  |
| 9     | 0.35 GY    | 655     | Cellular Telephone Microphone Signal          |
| 10    | 0.35 BK    | 9705    | Drain Wire                                    |
| 11-12 | —          | —       | Not Used                                      |



**Vehicle Communication Interface Module (VCIM) X3 (UE1) -**  
**Vehicle Communication Interface Module (VCIM) X3 (UE1)**

Vehicle Communication Interface Module (VCIM) X3 (UE1)



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#### Connector Part Information

- OEM: 15431359
- Service: 88988722
- Description: 16-Way F 100A Micro-Pack Series (GY)

#### Terminal Part Information

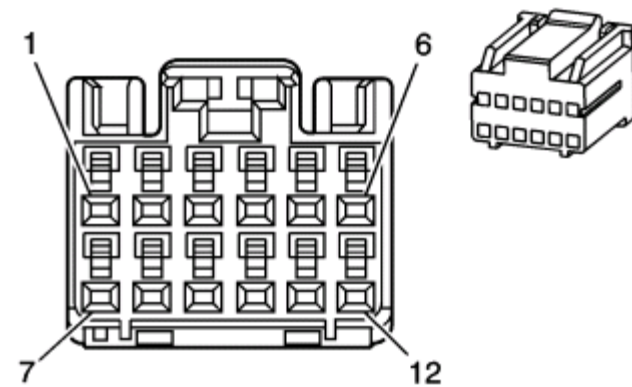
- Terminal/Tray: 15355438/20
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-16 (L-GN)

**Vehicle Communication 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 BK    | 9782    | Drain                          |
| 6-16 | —          | —       | Not Used                       |

**Vehicle Communication Interface Module (VCIM) X4 (UE1) -**  
**Vehicle Communication Interface Module (VCIM) X4 (UE1)**

Vehicle Communication Interface Module (VCIM) X4 (UE1)



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### Connector Part Information

- OEM: 15431368
- Service: 88988545
- Description: 12-Way F 100A Micro-Pack Series (BK)

### Terminal Part Information

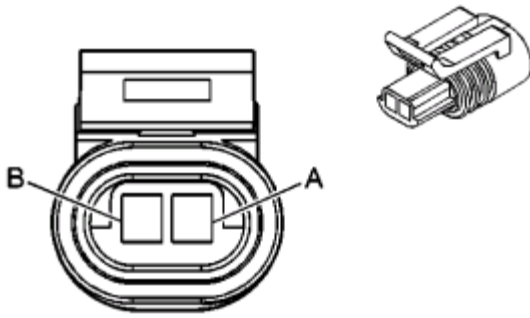
- Terminal/Tray: 15355438/20
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-16 (L-GN)

### Vehicle Communication Interface Module (VCIM) X4 (UE1)

| Pin   | Wire       | Circuit | Function                         |
|-------|------------|---------|----------------------------------|
| 1     | —          | —       | Not Used                         |
| 2     | 0.35 TN/BK | 2500    | High Speed GMLAN Serial Data (+) |
| 3     | 0.35 TN    | 2501    | High Speed GMLAN Serial Data (-) |
| 4-7   | —          | —       | Not Used                         |
| 8     | 0.35 TN/BK | 2500    | High Speed GMLAN Serial Data (+) |
| 9     | 0.35 TN    | 2501    | High Speed GMLAN Serial Data (-) |
| 10-12 | —          | —       | Not Used                         |

### Vehicle Speed Sensor (VSS) (MM6/MZ6) - Vehicle Speed Sensor (VSS) (MM6/MZ6)

Vehicle Speed Sensor (VSS) (MM6/MZ6)



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#### Connector Part Information

- OEM: 15449028
- Service: 88987978
- Description: 2-Way F GT 150 Series Sealed (BK)

#### Terminal Part Information

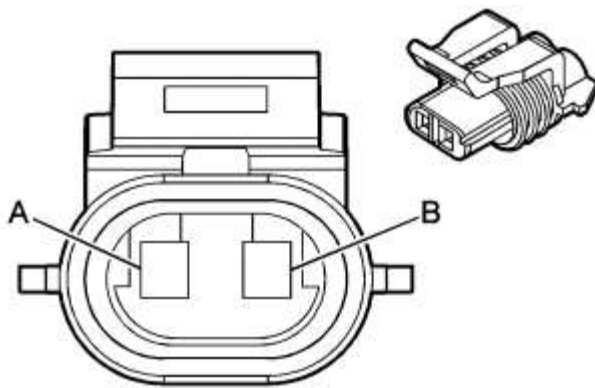
- Terminal/Tray: 15326266
- Core/Insulation Crimp: C
- Release Tool/Test Probe: See Terminal Repair Kit

#### Vehicle Speed Sensor (VSS) (MM6/MZ6)

| Pin | Wire    | Circuit | Function                               |
|-----|---------|---------|----------------------------------------|
| A   | 0.35 PU | 401     | Vehicle Speed Signal (VSS) Low Signal  |
| B   | 0.35 YE | 400     | Vehicle Speed Sensor (VSS) High Signal |

#### 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: 12052644
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series, Sealed (GY)

#### Terminal Part Information

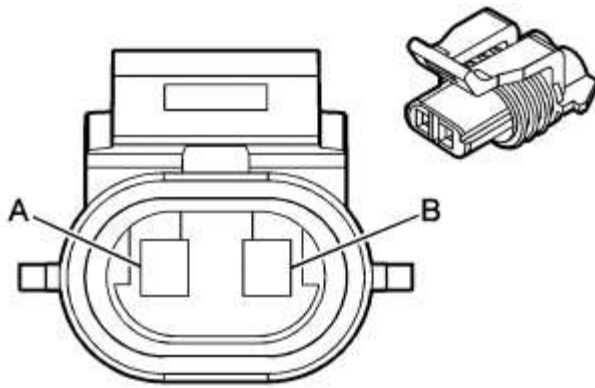
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Wheel Speed Sensor (WSS) - Left Front

| Pin | Wire     | Circuit | Function                             |
|-----|----------|---------|--------------------------------------|
| A   | 0.5 YE   | 873     | Low Reference                        |
| B   | 0.5 L-BU | 830     | Left Front Wheel Speed Sensor Signal |

#### 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: 12052644
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series, Sealed (GY)

#### Terminal Part Information

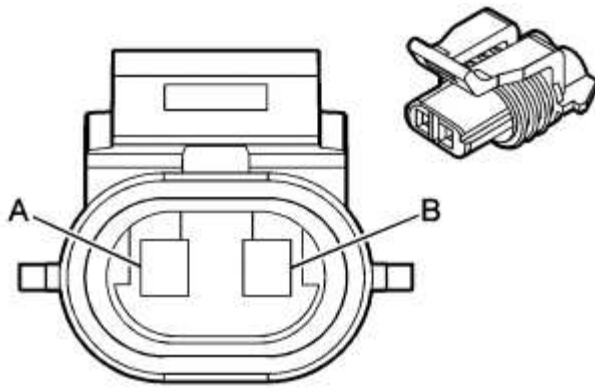
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Wheel Speed Sensor (WSS) - Left Rear

| Pin | Wire   | Circuit | Function                            |
|-----|--------|---------|-------------------------------------|
| A   | 0.8 OG | 885     | Low Reference                       |
| B   | 0.8 TN | 884     | Left Rear Wheel Speed Sensor Signal |

#### Wheel Speed Sensor (WSS) - Right Front - Wheel Speed Sensor (WSS) - Right Front

Wheel Speed Sensor (WSS) - Right Front



 [Click here for full size](#)

#### Connector Part Information

- OEM: 12052644
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series, Sealed (GY)

#### Terminal Part Information

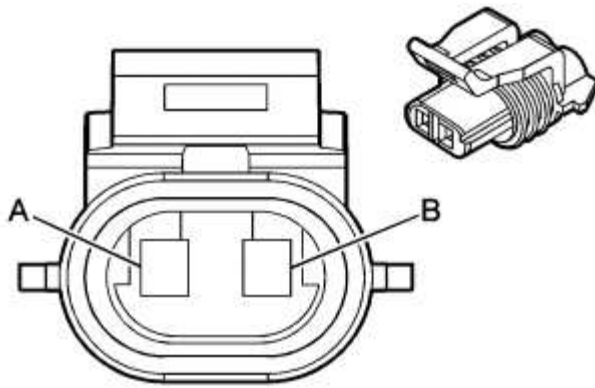
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Wheel Speed Sensor (WSS) - Right Front

| Pin | Wire     | Circuit | Function                              |
|-----|----------|---------|---------------------------------------|
| A   | 0.5 YE   | 833     | Low Reference                         |
| B   | 0.5 L-BU | 872     | Right Front Wheel Speed Sensor Signal |

#### 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: 12052644
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series, Sealed (GY)

#### Terminal Part Information

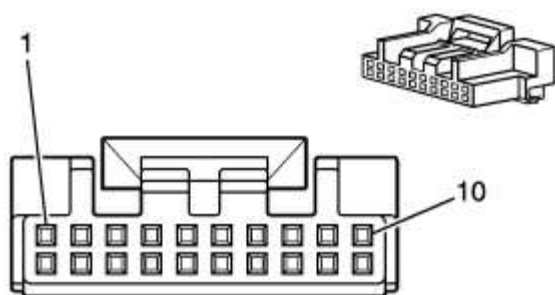
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Wheel Speed Sensor (WSS) - Right Rear

| Pin | Wire   | Circuit | Function                             |
|-----|--------|---------|--------------------------------------|
| A   | 0.8 WH | 883     | Low Reference                        |
| B   | 0.8 BN | 882     | Right Rear Wheel Speed Sensor Signal |

#### Window Switch - Driver - Window Switch - Driver

Window Switch - Driver



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### Connector Part Information

- OEM: IL-AG5-10S-S3C1
- Service: 88988190
- Description: 10-Way F IL-AG5 Series Socket Housing (GN)

### Terminal Part Information

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

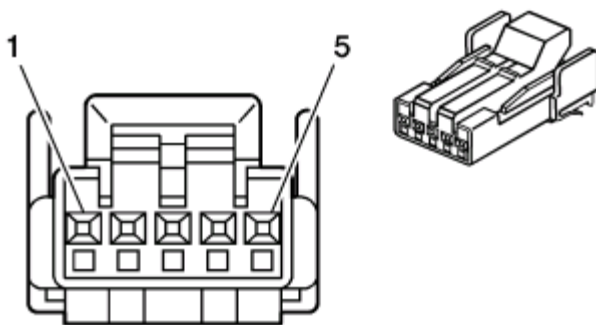
### Window Switch - Driver

| Pin | Wire       | Circuit | Function                              |
|-----|------------|---------|---------------------------------------|
| 1-2 | —          | —       | Not Used                              |
| 3   | 0.35 GY    | 1359    | LCD Backlighting Lamp Control         |
| 4   | 0.35 RD/WH | 340     | Battery Positive Voltage              |
| 5   | 0.35 BK    | 1450    | Ground                                |
| 6   | 0.35 OG/BK | 781     | Driver Door Lock Switch Unlock Signal |
| 7   | 0.35 OG/BK | 780     | Driver Door Lock Switch Lock Signal   |
| 8   | 0.35 WH    | 615     | Memory 1 Switch Signal (AAB)          |
| 9   | 0.35 PU    | 616     | Memory 2 Switch Signal (AAB)          |
| 10  | 0.35 BN    | 1046    | Class 2 Serial Data                   |

### Window Switch - Passenger - Window Switch - Passenger

Window Switch - Passenger





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### Connector Part Information

- OEM: IL-AG5-5S-S3C1
- Service: 88988111
- Description: 5-Way F IL-AG5 Series (GN)

### Terminal Part Information

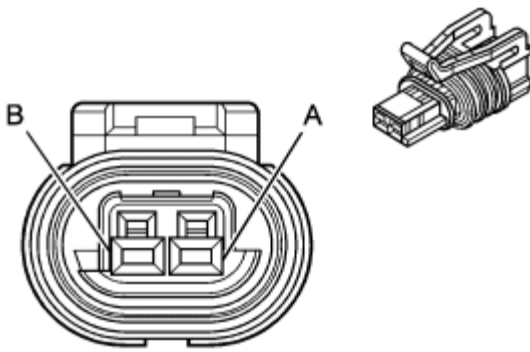
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Window Switch - Passenger

| Pin | Wire    | Circuit | Function                                       |
|-----|---------|---------|------------------------------------------------|
| 1   | 0.35 PU | 2765    | Power Window Switch Right Front Express Signal |
| 2   | 0.35 BK | 1550    | Ground                                         |
| 3   | 0.35 TN | 1300    | Power Window Motor Front Passenger Up Signal   |
| 4   | 0.35 GY | 1359    | LCD Backlighting Lamp Control                  |
| 5   | 0.35 GY | 1136    | Power Window Motor Front Passenger Down Signal |

### Windshield Washer Fluid Level Switch - Windshield Washer Fluid Level Switch

Windshield Washer Fluid Level Switch



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### Connector Part Information

- OEM: 15449028
- Service: 88987993
- Description: 2-Way F GT 150 Series Sealed (BK)

### Terminal Part Information

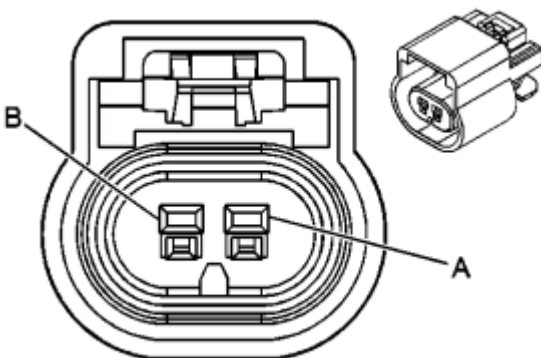
- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Windshield Washer Fluid Level Switch

| Pin | Wire       | Circuit | Function                             |
|-----|------------|---------|--------------------------------------|
| A   | 0.35 TN/WH | 99      | Windshield Washer Fluid Level Signal |
| B   | 0.35 BK    | 1350    | Ground                               |

### Windshield Washer Fluid Pump - Windshield Washer Fluid Pump

Windshield Washer Fluid Pump



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### Connector Part Information

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

### Terminal Part Information

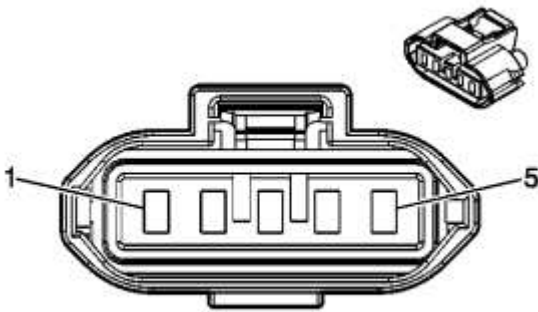
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Windshield Washer Fluid Pump

| Pin | Wire   | Circuit | Function                       |
|-----|--------|---------|--------------------------------|
| A   | 0.5 BK | 1350    | Ground                         |
| B   | 0.5 OG | 228     | Windshield Washer Pump Control |

### Windshield Wiper Motor - Windshield Wiper Motor

Windshield Wiper Motor



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### Connector Part Information

- OEM: 7283-7050-30
- Service: 15306554
- Description: 5-Way F 090-II, Sealed (BK)

### Terminal Part Information

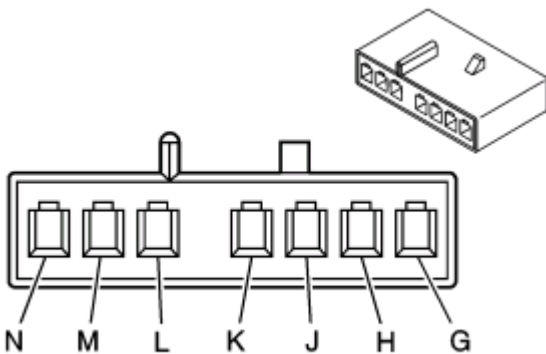
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Windshield Wiper Motor

| Pin | Wire   | Circuit | Function                                  |
|-----|--------|---------|-------------------------------------------|
| 1   | 2 BK   | 1450    | Ground                                    |
| 2   | 2 YE   | 196     | Windshield Wiper Motor Park Switch Signal |
| 3   | 2 YE   | 243     | Accessory Voltage                         |
| 4   | 2 PU   | 92      | Windshield Wiper Motor High Speed Control |
| 5   | 2 D-GN | 95      | Windshield Wiper Motor Low Speed Control  |

### Windshield Wiper/Washer Switch - Windshield Wiper/Washer Switch

Windshield Wiper/Washer Switch



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### Connector Part Information

- OEM: 15339096
- Service: See Catalog
- Description: 7-Way F 150 Series (BK)

### Terminal Part Information

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

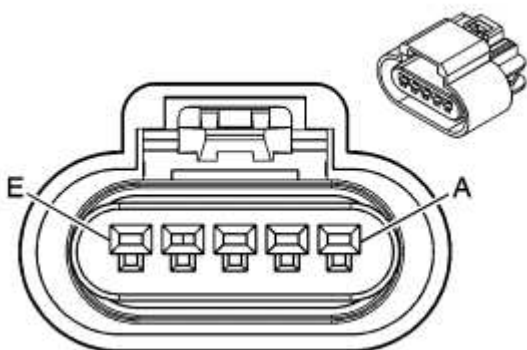
- Release Tool/Test Probe: See Terminal Repair Kit

## Windshield Wiper/Washer Switch

| Pin | Wire      | Circuit | Function                            |
|-----|-----------|---------|-------------------------------------|
| G   | 0.35 PK   | 94      | Windshield Washer Switch Signal     |
| H   | 0.35 L-BU | 1714    | Windshield Wiper Switch Low Signal  |
| J   | —         | —       | Not Used                            |
| K   | 0.35 L-GN | 1715    | Windshield Wiper Switch High Signal |
| L   | —         | —       | Not Used                            |
| M   | 0.35 YE   | 143     | Accessory Voltage                   |
| N   | —         | —       | Not Used                            |

## Yaw and Lateral Accelerometer Sensor (JL4) - Yaw and Lateral Accelerometer Sensor (JL4)

Yaw and Lateral Accelerometer Sensor (JL4)



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### Connector Part Information

- OEM: 15326822
- Service: 19151498
- Description: 5-Way F GT Series, Sealed (BK)

### Terminal Part Information

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

**Yaw and Lateral Accelerometer Sensor (JL4)**

| Pin | Wire         | Circuit | Function                     |
|-----|--------------|---------|------------------------------|
| A   | —            | —       | Not Used                     |
| B   | 0.35 D-GN    | 2087    | 5V                           |
| C   | 0.35 D-BU    | 716     | Yaw Rate Sensor Signal       |
| D   | 0.35 L-BU    | 2088    | Low Reference                |
| E   | 0.35 L-GN/BK | 1338    | Lateral Accelerometer Signal |

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