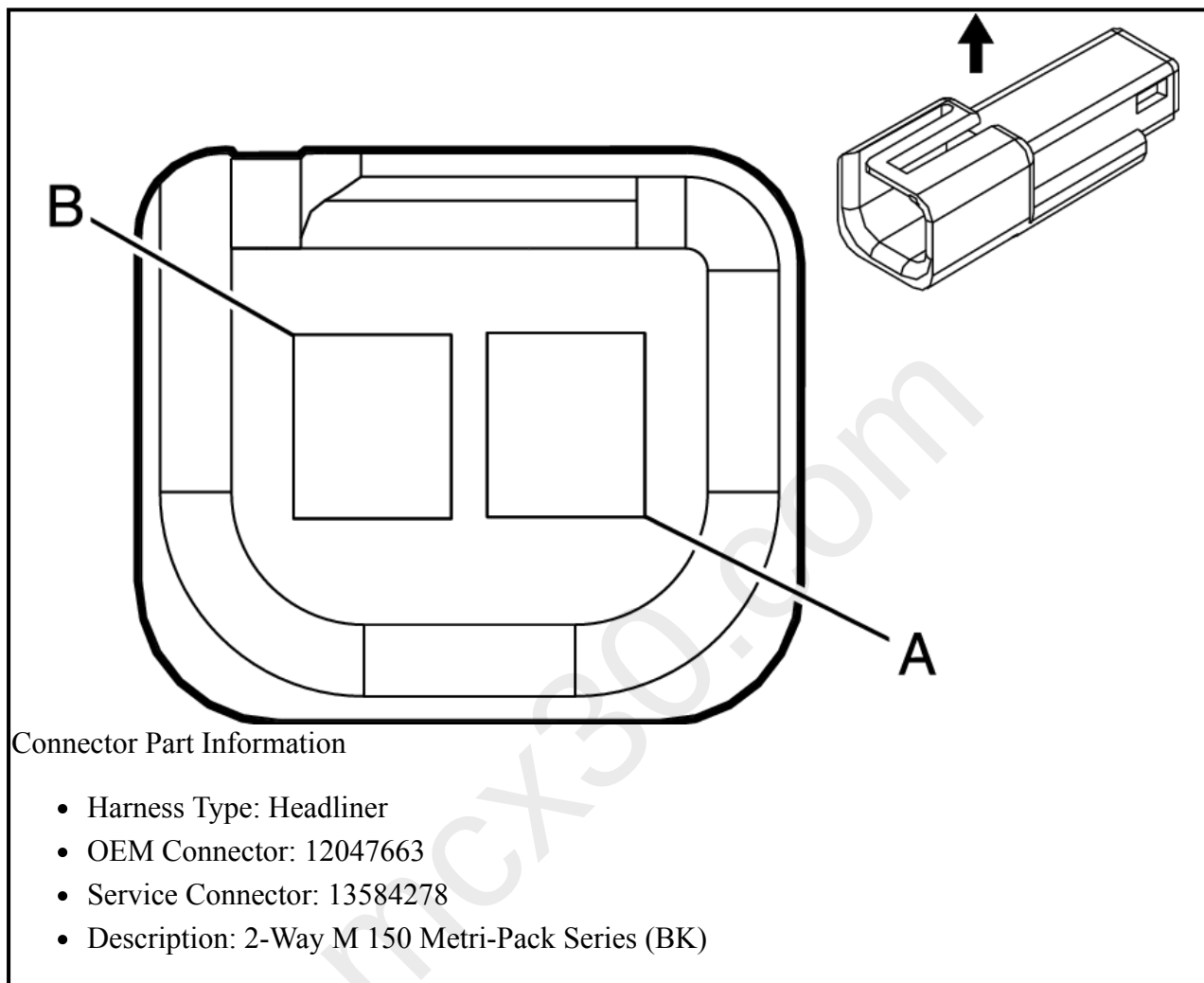


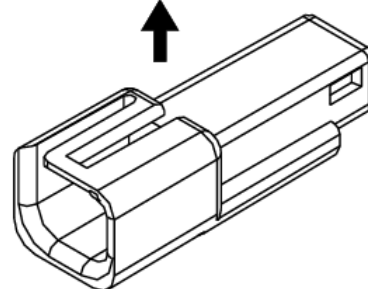
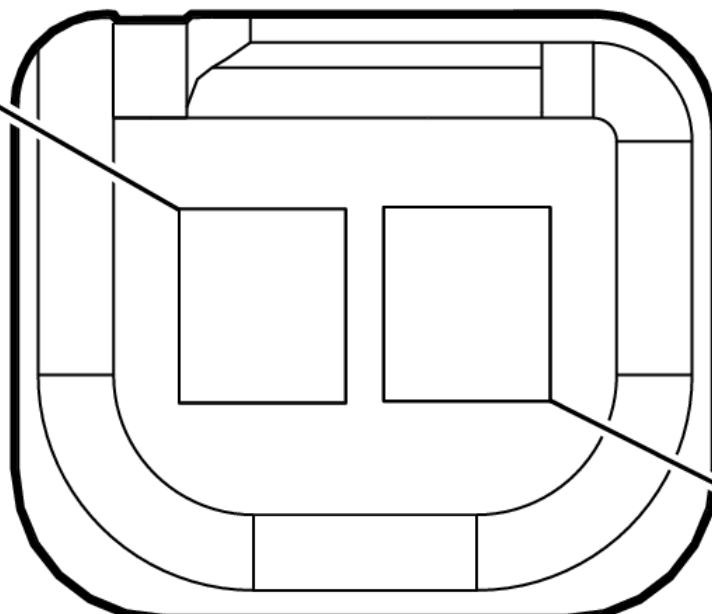
**2018 ELECTRICAL****Component Connector End Views (A3L - B77RR) - Traverse****COMPONENT CONNECTOR END VIEWS****A3L SUNSHADE - LEFT****Terminal Part Information**

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-3 (GY)        | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                  | Terminal Type ID | Option |
|-----|------|-------|---------|---------------------------|------------------|--------|
| A   | 0.5  | WH/BN | 6815    | Inadvertent Power Control | I                | -      |
| B   | 0.35 | BK    | 1650    | Ground                    | I                | -      |

**A3R SUNSHADE - RIGHT**

B



A

#### Connector Part Information

- Harness Type: Headliner
- OEM Connector: 12047663
- Service Connector: 13584278
- Description: 2-Way M 150 Metri-Pack Series (BK)

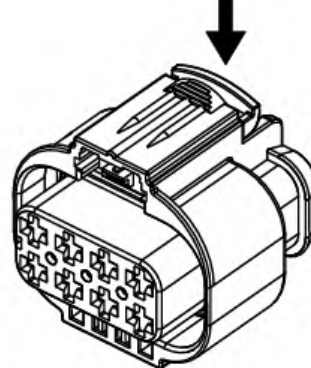
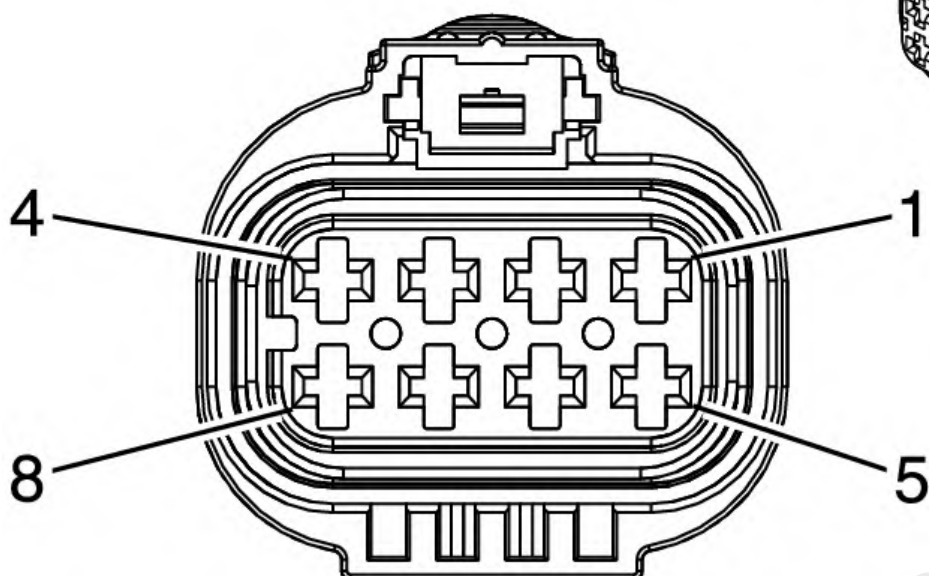
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-3 (GY)        | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                  | Terminal Type ID | Option |
|-----|------|-------|---------|---------------------------|------------------|--------|
| A   | 0.5  | WH/BN | 6815    | Inadvertent Power Control | I                | -      |
| B   | 0.35 | BK    | 1650    | Ground                    | I                | -      |

#### A7 FUEL PUMP AND LEVEL SENSOR ASSEMBLY





#### Connector Part Information

- Harness Type: Fuel Tank
- OEM Connector: 13581768
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 2.8 Series, Sealed (BK)

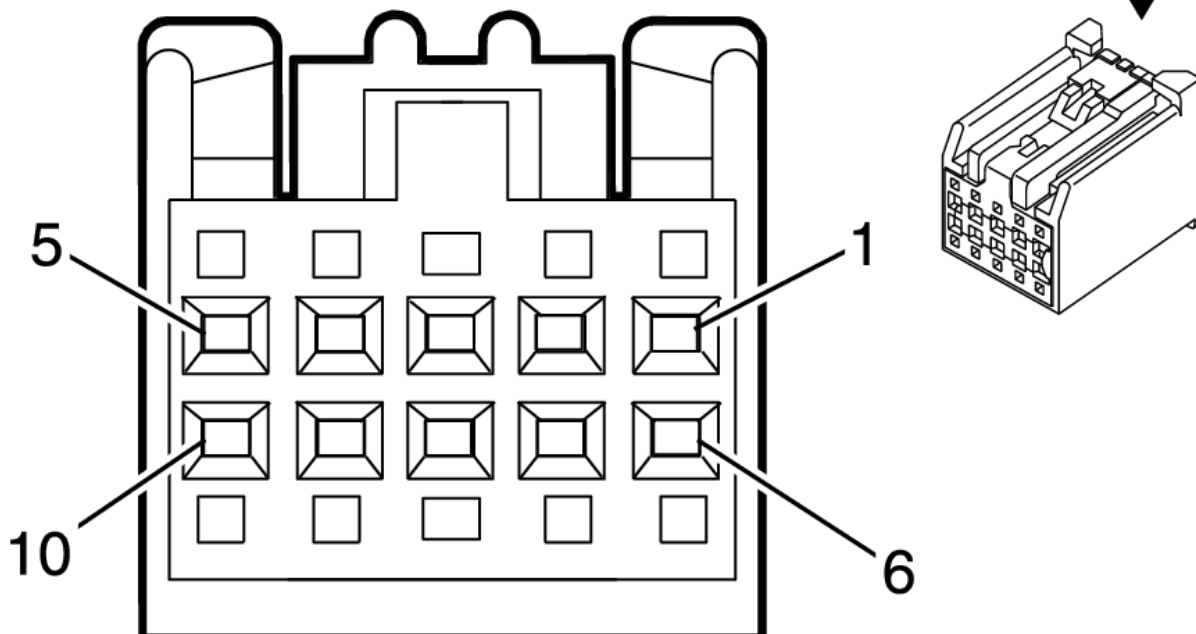
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | Not Available         | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin   | Size | Color | Circuit | Function                         | Terminal Type ID | Option |
|-------|------|-------|---------|----------------------------------|------------------|--------|
| 1 - 2 | -    | -     | -       | Not Occupied                     | -                | -      |
| 3     | 0    | GY    | 120     | Fuel Pump Control                | I                | -      |
| 4     | 0    | BK/GN | 1580    | Fuel Pump Low Reference          | I                | -      |
| 5     | 0    | BU/VT | 1589    | Primary Fuel Level Sensor Signal | I                | -      |
| 6     | 0    | BK/GN | 6281    | Fuel Level Sensor Low Reference  | I                | -      |
| 7 - 8 | -    | -     | -       | Not Occupied                     | -                | -      |

#### A10 INSIDE REARVIEW MIRROR X1





#### Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13577390
- Service Connector: 13577390
- Description: 10-Way F 0.64 Kaizen Series (BK)

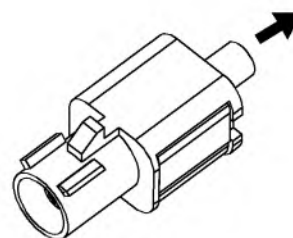
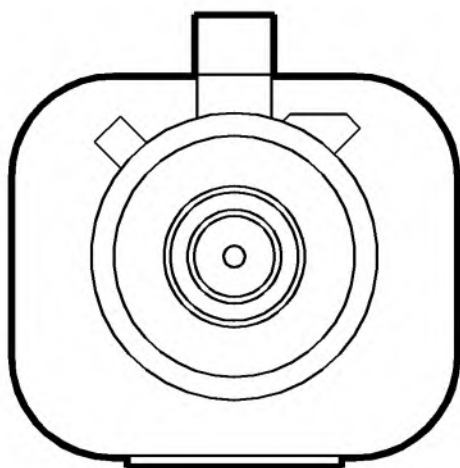
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name     | Core Crimp    | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|---------------|---------------|------------------|
| I                | 13575742        | J-35616-64B (LT BU)   | J-38125-215A          | Not Available    | Not Available | Not Available | Not Available    |
| II               | 13575867        | J-35616-64B (LT BU)   | J-38125-215A          | Not Available    | Not Available | Not Available | Not Available    |

| Pin   | Size | Color | Circuit | Function                                 | Terminal Type ID | Option  |
|-------|------|-------|---------|------------------------------------------|------------------|---------|
| 1     | 0.5  | GN/WH | 24      | Backup Lamp Control                      | I                | DD8/DRZ |
| 2     | 0.5  | VT/WH | 639     | Run/Crank Ignition 1 Voltage             | I                | -       |
| 3 - 4 | -    | -     | -       | Not Occupied                             | -                | -       |
| 5     | 0.5  | BK/WH | 1751    | Signal Ground                            | I                | DD8/DRZ |
| 6 - 7 | -    | -     | -       | Not Occupied                             | -                | -       |
| 8     | 0.35 | BK/YE | 1691    | Automatic Day/Night Mirror Low Reference | II               | -       |
| 9     | 0.35 | YE/WH | 1690    | Automatic Day/Night Mirror Signal        | II               | -       |
| 10    | -    | -     | -       | Not Occupied                             | -                | -       |

#### A10 INSIDE REARVIEW MIRROR X2





#### Connector Part Information

- Harness Type: Headliner COAX
- OEM Connector: 13594293
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way M Coax Type (BK)

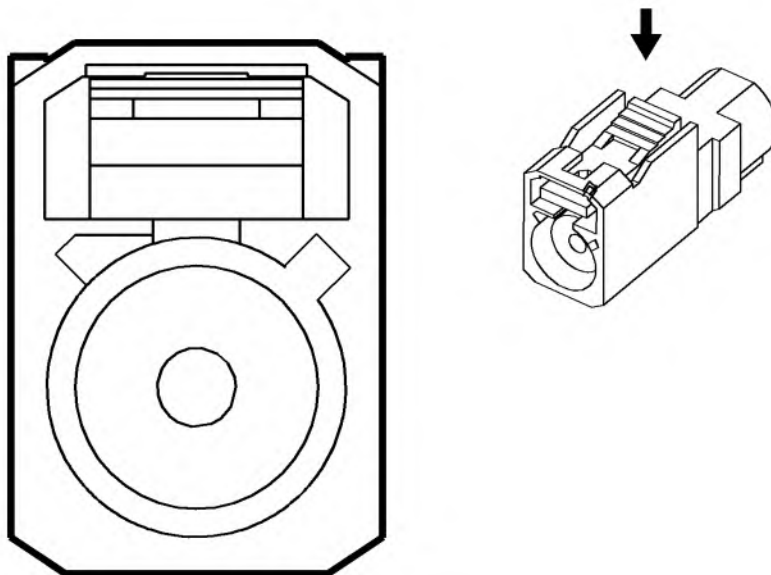
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | No Tool Required      | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                    | Terminal Type ID | Option |
|-----|------|-------|---------|-----------------------------|------------------|--------|
| -   | -    | Coax  | -       | (ISRVM) Camera Video Signal | I                | -      |

#### A11 RADIO X4





#### Connector Part Information

- Harness Type: Radio Antenna Amplifier COAX Jumper harness COAX
- OEM Connector: 13585504
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BK)

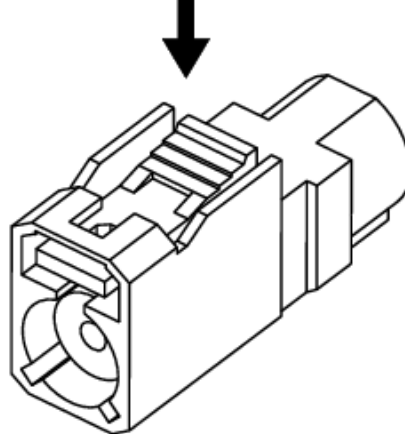
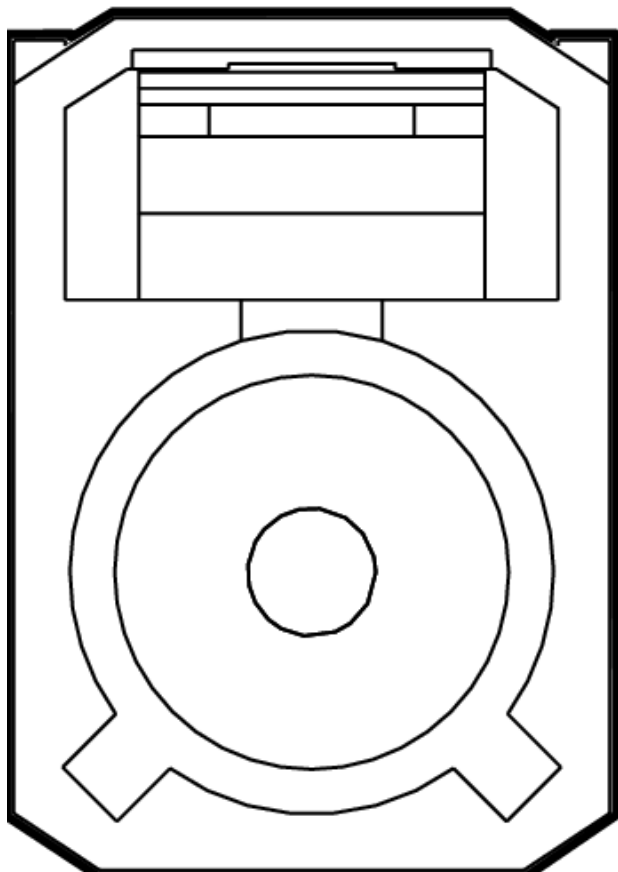
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | No Tool Required      | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                  | Terminal Type ID | Option |
|-----|------|-------|---------|---------------------------|------------------|--------|
| -   | -    | Coax  | -       | (AM/FM) Antenna RF Signal | I                | -      |

#### A11 RADIO X6





#### Connector Part Information

- Harness Type: Radio Antenna Amplifier COAX Jumper harness
- OEM Connector: 13585516
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (YE)

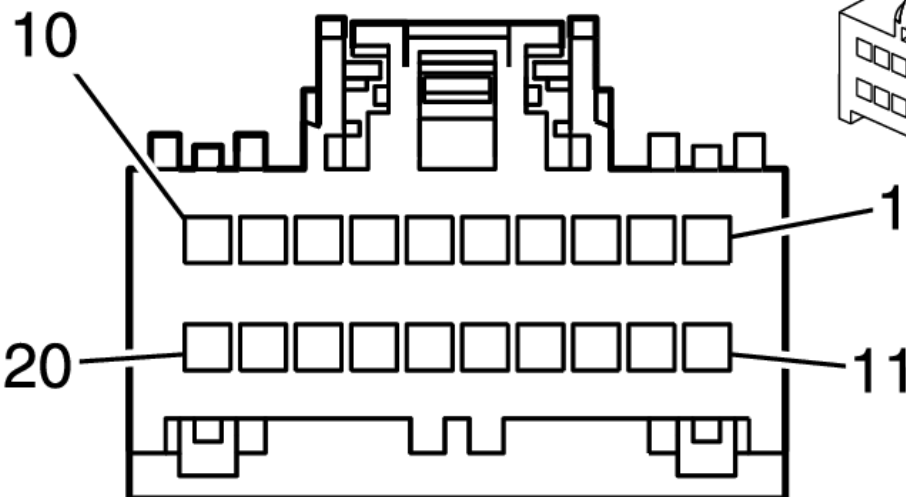
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | No Tool Required      | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                  | Terminal Type ID | Option |
|-----|------|-------|---------|---------------------------|------------------|--------|
| -   | -    | Coax  | -       | (AM/FM) Antenna RF Signal | I                | -      |

#### A11 RADIO X1 (I05/I06)





#### Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13593932
- Service Connector: 13593932
- Description: 20-Way F USCAR 64 Series (GY)

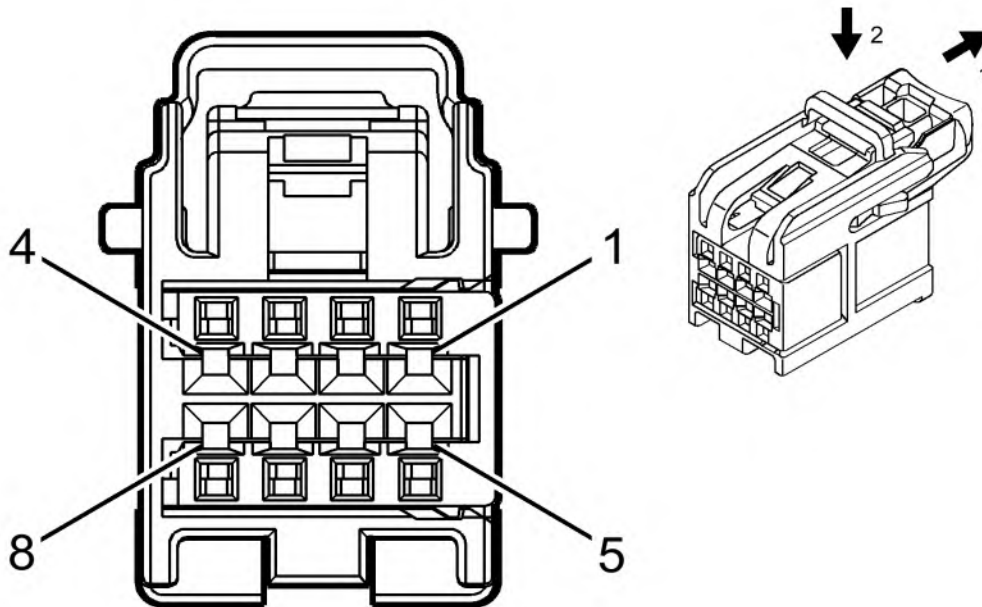
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name | Core Crimp | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|-----------|------------|------------------|
| I                | 13575867        | J-35616-64B (LT BU)   | J-38125-215A          | SAIT-A03T-M064   | Yazaki 14 | P          | P                |

| Pin     | Size | Color | Circuit | Function                                      | Terminal Type ID | Option  |
|---------|------|-------|---------|-----------------------------------------------|------------------|---------|
| 1       | -    | -     | -       | Not Occupied                                  | -                | -       |
| 2       | 0.35 | GN/YE | 7066    | Entertainment Remote Enable Signal            | I                | -       |
| 3 - 12  | -    | -     | -       | Not Occupied                                  | -                | -       |
| 13      | 0.35 | GN/BU | 7532    | Local Interconnect Network Serial Data Bus 10 | I                | IO5/IO6 |
| 14      | 0.35 | GY/GN | 1102    | Low Speed GMLAN Serial Data #2                | I                | IO5/IO6 |
| 15 - 18 | -    | -     | -       | Not Occupied                                  | -                | -       |
| 19      | 0.35 | BK/YE | 659     | Cellular Telephone Voice Low Reference        | I                | -       |
| 20      | 0.35 | YE    | 658     | Cellular Telephone Voice Signal               | I                | -       |

#### A11 RADIO X2 (IO5/IO6)





#### Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13591516
- Service Connector: 19353873
- Description: 8-Way F 0.64 OCS Series (GY)

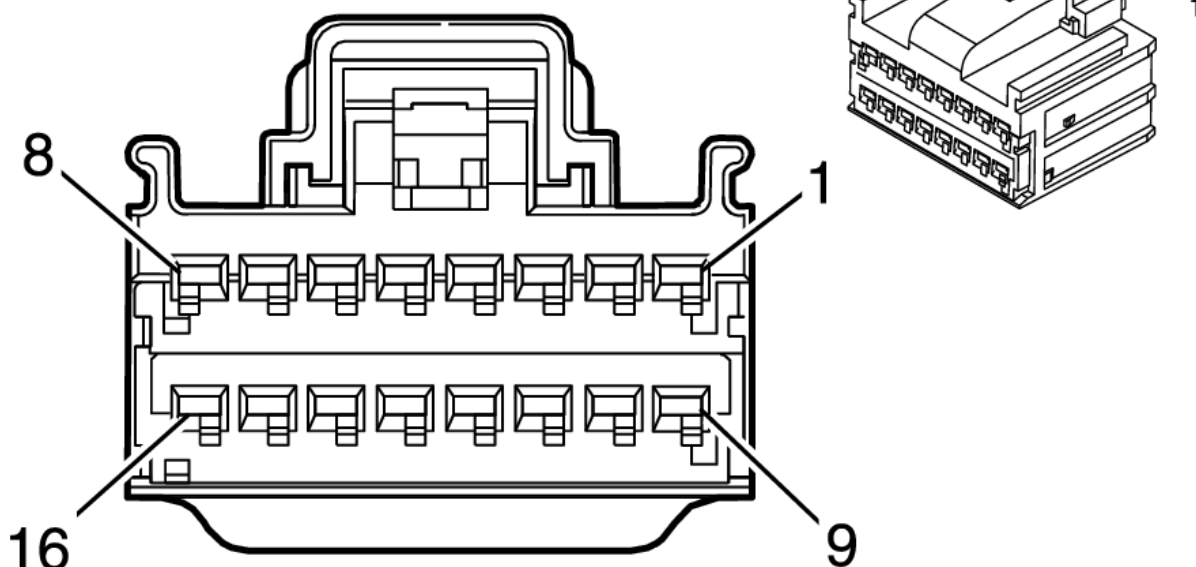
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-64B (LT BU)   | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin   | Size | Color | Circuit | Function               | Terminal Type ID | Option      |
|-------|------|-------|---------|------------------------|------------------|-------------|
| 1     | 0.35 | WH/GN | 3997    | MOST Serial Data (-)   | I                | IO5/IO6-UQA |
|       | 0.35 | WH/VT | 3938    | MOST Serial Data (-) 2 | I                | UQA+IO5/IO6 |
| 2     | 0.35 | GY/VT | 3998    | MOST Serial Data (+)   | I                | IO5/IO6-UQA |
|       | 0.35 | GY/YE | 3937    | MOST Serial Data (+) 2 | I                | UQA+IO5/IO6 |
| 3     | 0.35 | WH/GN | 3997    | MOST Serial Data (-)   | I                | -           |
| 4     | 0.35 | GY/VT | 3998    | MOST Serial Data (+)   | I                | -           |
| 5 - 6 | -    | -     | -       | Not Occupied           | -                | -           |
| 7     | 0.35 | WH/VT | 3999    | MOST Control           | I                | -           |
| 8     | -    | -     | -       | Not Occupied           | -                | -           |

#### A11 RADIO X3 (IO5/IO6)





#### Connector Part Information

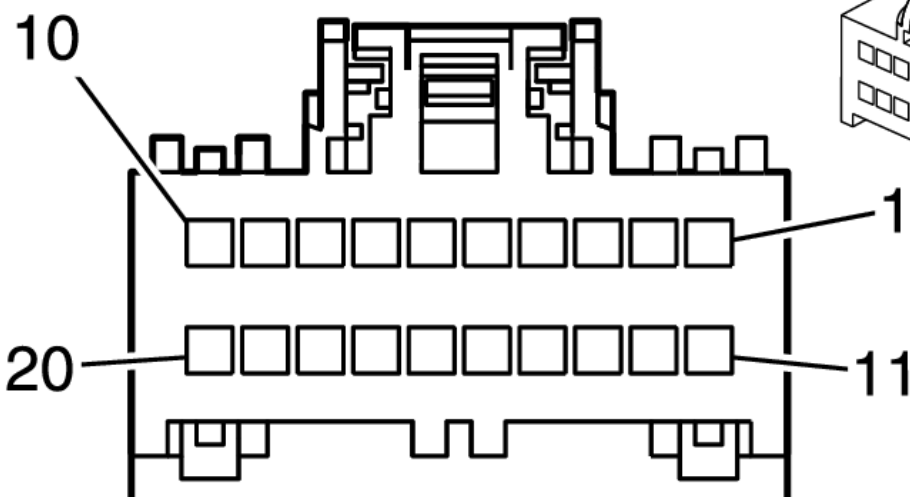
- Harness Type: Instrument Panel
- OEM Connector: 13591061
- Service Connector: 13591061
- Description: 16-Way F 1.5 OCS Series (BK)

#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name     | Core Crimp    | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|---------------|---------------|------------------|
| I                | 13575850        | J-35616-14 (GN)       | J-38125-557           | Not Available    | Not Available | Not Available | Not Available    |

| Pin     | Size | Color | Circuit | Function                          | Terminal Type ID | Option |
|---------|------|-------|---------|-----------------------------------|------------------|--------|
| 1       | 0.75 | BU    | 201     | Left Front Speaker Control (+) 1  | I                | -      |
| 2       | 0.75 | YE    | 200     | Right Front Speaker Control (+) 1 | I                | -      |
| 3       | 0.75 | GN    | 199     | Left Rear Speaker Control (+)     | I                | -      |
| 4       | 0.75 | WH    | 46      | Right Rear Speaker Control (+)    | I                | -      |
| 5 - 7   | -    | -     | -       | Not Occupied                      | -                | -      |
| 8       | 0.75 | RD/VT | 340     | Battery Positive Voltage          | I                | -      |
| 9       | 0.75 | BN/BU | 118     | Left Front Speaker Signal (-) 1   | I                | -      |
| 10      | 0.75 | YE/BK | 117     | Right Front Speaker Signal (-) 1  | I                | -      |
| 11      | 0.75 | GN/BK | 116     | Left Rear Speaker Signal (-)      | I                | -      |
| 12      | 0.75 | BU/BK | 115     | Right Rear Speaker Signal (-)     | I                | -      |
| 13 - 15 | -    | -     | -       | Not Occupied                      | -                | -      |
| 16      | 0.75 | BK    | 1550    | Ground                            | I                | -      |

**A11 RADIO X1 (IOA)**



#### Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13593932
- Service Connector: 13593932
- Description: 20-Way F USCAR 64 Series (GY)

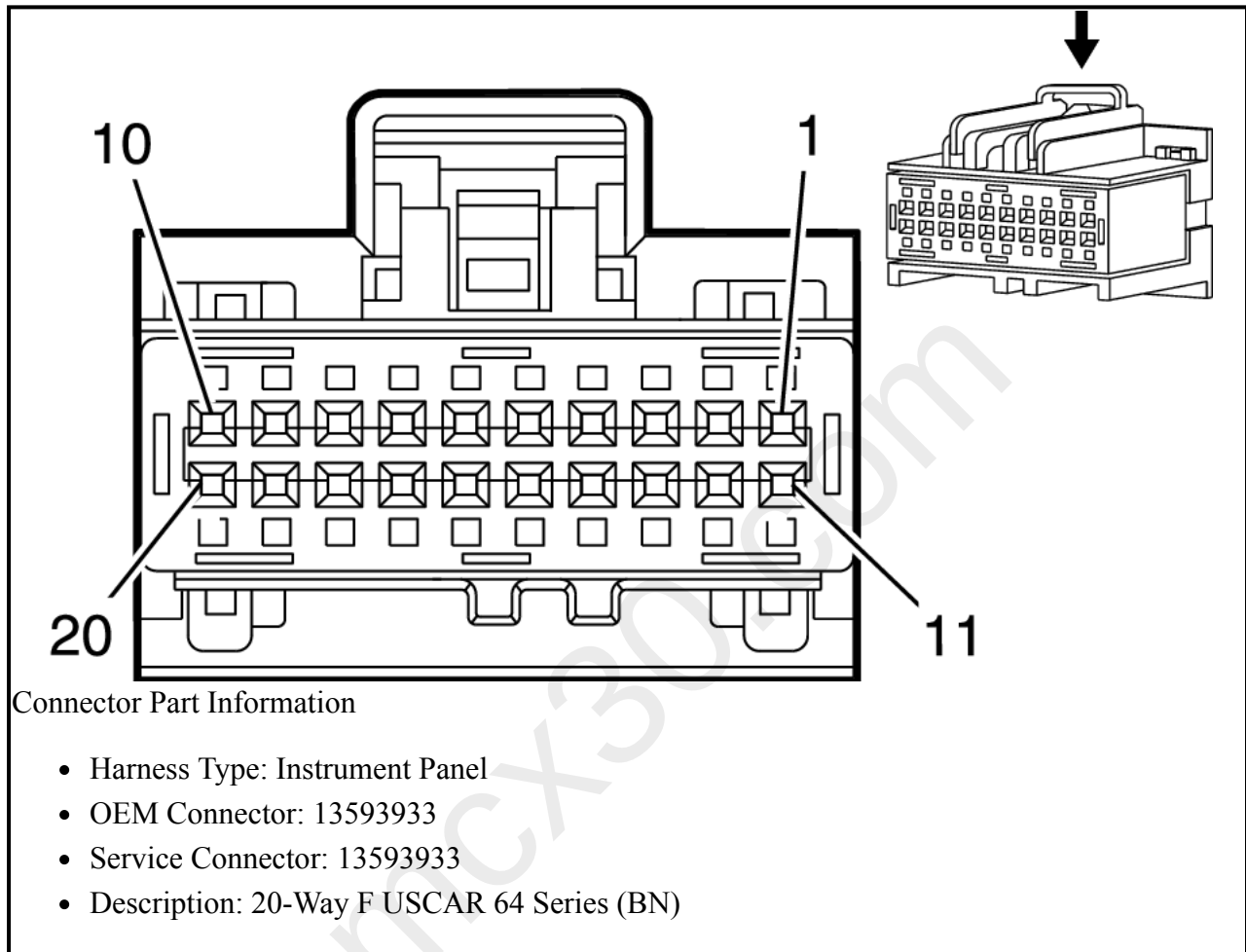
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name     | Core Crimp    | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|---------------|---------------|------------------|
| I                | 13575867        | J-35616-64B (LT BU)   | J-38125-215A          | SAIT-A03T-M064   | Yazaki 14     | P             | P                |
| II               | 19119865        | J-35616-64B (LT BU)   | J-38125-215A          | Not Available    | Not Available | Not Available | Not Available    |

| Pin   | Size         | Color          | Circuit     | Function                                                                             | Terminal Type ID | Option                     |
|-------|--------------|----------------|-------------|--------------------------------------------------------------------------------------|------------------|----------------------------|
| 1     | 0.75         | BK             | 1550        | Ground                                                                               | II               | IOA                        |
| 2 - 3 | -            | -              | -           | Not Occupied                                                                         | -                | -                          |
| 4     | 0.35         | GY/GN          | 1102        | Low Speed GMLAN Serial Data #2                                                       | I                | -                          |
| 5     | -            | -              | -           | Not Occupied                                                                         | -                | -                          |
| 6     | 0.35<br>0.35 | BK/GY<br>BK/BN | 5152<br>654 | Voice Recognition Audio Low Reference<br>Cellular Telephone Microphone Low Reference | I<br>I           | 1NA+IOA+UE1<br>IOA-UE1-UI3 |
| 7     | 0.35<br>0.35 | GY/YE<br>BU    | 5149<br>655 | Voice Recognition Audio Signal<br>Cellular Telephone Microphone Signal               | I<br>I           | 1NA+IOA+UE1<br>IOA-UE1-UI3 |
| 8     | -            | -              | -           | Not Occupied                                                                         | -                | -                          |
| 9     | 0.35         | BK/YE          | 659         | Cellular Telephone Voice Low Reference                                               | I                | -                          |
| 10    | 0.35         | YE             | 658         | Cellular Telephone Voice Signal                                                      | I                | -                          |
| 11    | 0.75         | RD/VT          | 340         | Battery Positive Voltage                                                             | II               | IOA                        |

| Pin     | Size | Color | Circuit | Function                           | Terminal Type ID | Option  |
|---------|------|-------|---------|------------------------------------|------------------|---------|
| 12      | 0.35 | GN/YE | 7066    | Entertainment Remote Enable Signal | I                | -       |
| 13      | 0.35 | GN/WH | 24      | Backup Lamp Control                | I                | IOA+UVC |
| 14      | 0.35 | WH/BU | 6973    | Camera Signal 2                    | I                | IOA+UVC |
| 15      | 0.35 | GY/YE | 6972    | Camera Signal 2 +                  | I                | -       |
| 16 - 20 | -    | -     | -       | Not Occupied                       | -                | -       |

### A11 RADIO X2 (IOA)



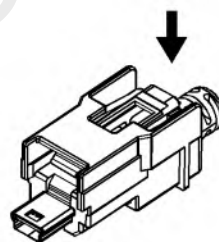
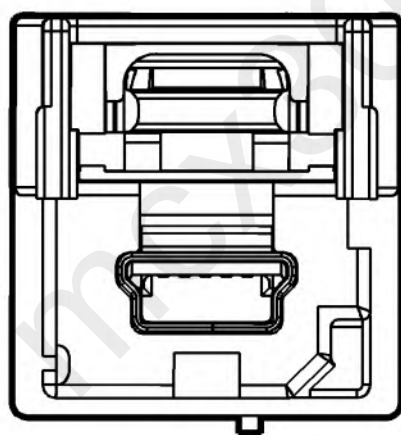
### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name     | Core Crimp    | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|---------------|---------------|------------------|
| I                | 13575742        | J-35616-64B (LT BU)   | J-38125-215A          | SAIT-A03T-M064   | Yazaki 14     | P             | P                |
| II               | 13575867        | J-35616-64B (LT BU)   | J-38125-215A          | SAIT-A03T-M064   | Yazaki 14     | P             | P                |
| III              | 19119865        | J-35616-64B (LT BU)   | J-38125-215A          | Not Available    | Not Available | Not Available | Not Available    |

| Pin   | Size | Color | Circuit | Function                       | Terminal Type ID | Option  |
|-------|------|-------|---------|--------------------------------|------------------|---------|
| 1     | 0.35 | BARE  | 2011    | Left Front Audio Low Reference | II               | IOA+UQF |
| 2 - 9 | -    | -     | -       | Not Occupied                   | -                | -       |

| Pin | Size | Color | Circuit | Function                          | Terminal Type ID | Option  |
|-----|------|-------|---------|-----------------------------------|------------------|---------|
| 10  | 0.75 | BK    | 1550    | Ground                            | III              | -       |
| 11  | 0.75 | WH    | 46      | Right Rear Speaker Control (+)    | III              | -       |
| 12  | 0.75 | BU/BK | 115     | Right Rear Speaker Signal (-)     | III              | -       |
| 13  | 0.75 | GN    | 199     | Left Rear Speaker Control (+)     | III              | -       |
| 14  | 0.75 | GN/BK | 116     | Left Rear Speaker Signal (-)      | III              | -       |
| 15  | 0.75 | YE/BK | 117     | Right Front Speaker Signal (-) 1  | III              | -       |
| 16  | 0.75 | YE    | 200     | Right Front Speaker Control (+) 1 | III              | -       |
| 17  | 0.75 | BN/BU | 118     | Left Front Speaker Signal (-) 1   | III              | -       |
| 18  | 0.75 | BU    | 201     | Left Front Speaker Control (+) 1  | III              | -       |
| 19  | 0.5  | BARE  | 2046    | Right Rear Audio Low Reference    | I                | IOA+UQF |
| 20  | 0.75 | RD/VT | 340     | Battery Positive Voltage          | III              | -       |

### A11 RADIO X3 (IOA)



#### Connector Part Information

- Harness Type: Instrument Panel USB
- OEM Connector: 13578154
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BU)

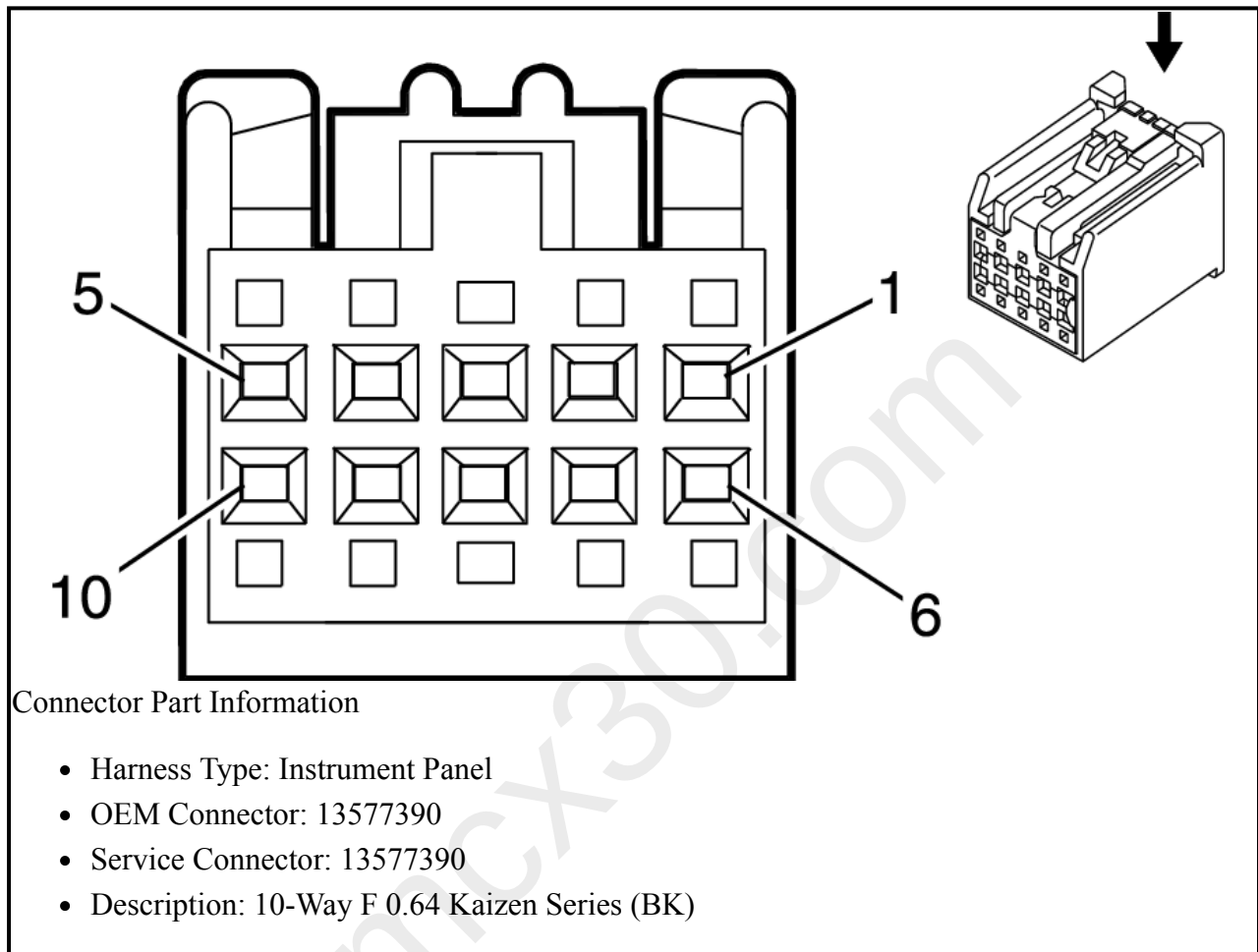
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name | Core Crimp | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|-----------|------------|------------------|
|------------------|-----------------|-----------------------|-----------------------|------------------|-----------|------------|------------------|

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | No Tool Required      | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function        | Terminal Type ID | Option |
|-----|------|-------|---------|-----------------|------------------|--------|
| -   | -    | USB   | -       | USB Serial Data | I                | -      |

## A22 RADIO CONTROLS X1 (IO5/IO6)



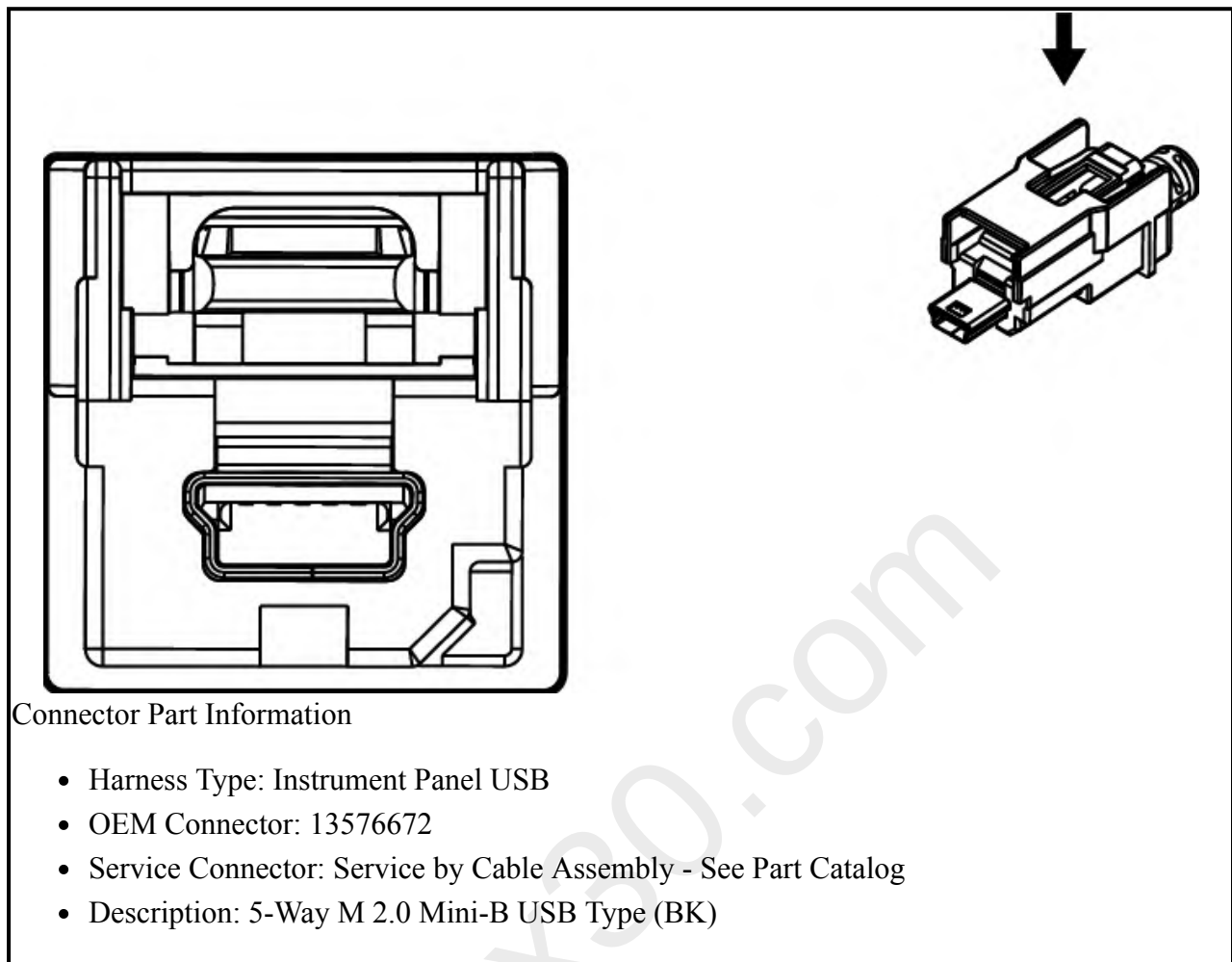
## Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name     | Core Crimp    | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|---------------|---------------|------------------|
| I                | 13575867        | J-35616-64B (LT BU)   | J-38125-215A          | Not Available    | Not Available | Not Available | Not Available    |

| Pin   | Size | Color | Circuit | Function                                      | Terminal Type ID | Option |
|-------|------|-------|---------|-----------------------------------------------|------------------|--------|
| 1     | 0.35 | RD/BU | 3240    | Battery Positive Voltage                      | I                | -IOA   |
| 2     | -    | -     | -       | Not Occupied                                  | -                | -      |
| 3     | 0.35 | GY/GN | 1102    | Low Speed GMLAN Serial Data #2                | I                | -      |
| 4     | -    | -     | -       | Not Occupied                                  | -                | -      |
| 5     | 0.35 | GN/BU | 7532    | Local Interconnect Network Serial Data Bus 10 | I                | -IOA   |
| 6 - 7 | -    | -     | -       | Not Occupied                                  | -                | -      |
| 8     | 0.35 | GN/WH | 7527    | Local Interconnect Network Serial Data Bus 5  | I                | -      |

| Pin | Size | Color | Circuit | Function     | Terminal Type ID | Option |
|-----|------|-------|---------|--------------|------------------|--------|
| 9   | -    | -     | -       | Not Occupied | -                | -      |
| 10  | 0.35 | BK    | 1550    | Ground       | I                | -IOA   |

## A22 RADIO CONTROLS X2 (IO5/IO6)



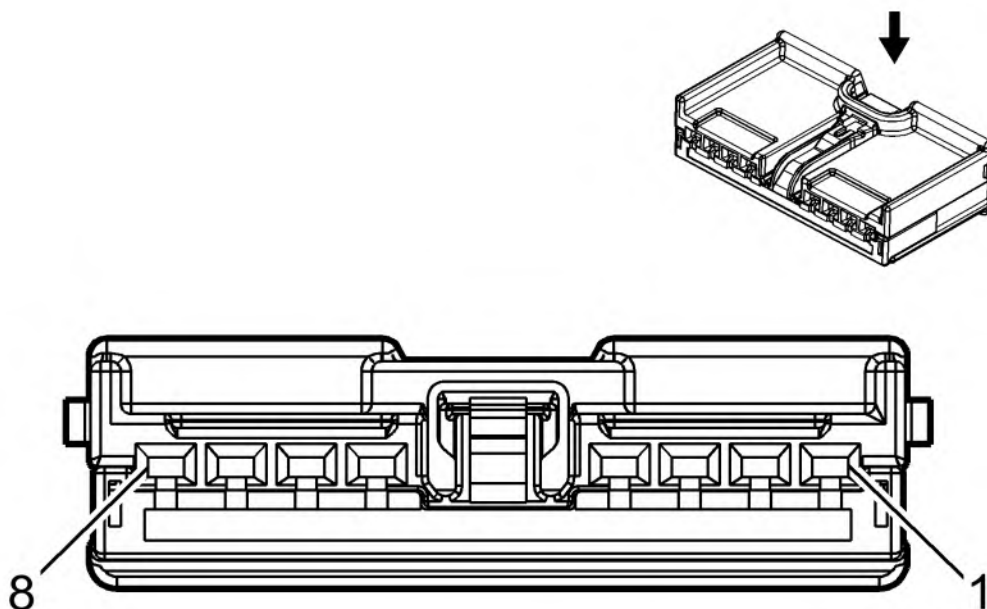
## Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | No Tool Required      | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function        | Terminal Type ID | Option |
|-----|------|-------|---------|-----------------|------------------|--------|
| -   | -    | USB   | -       | USB Serial Data | I                | -      |

## A23C LIFTGATE LATCH ASSEMBLY





#### Connector Part Information

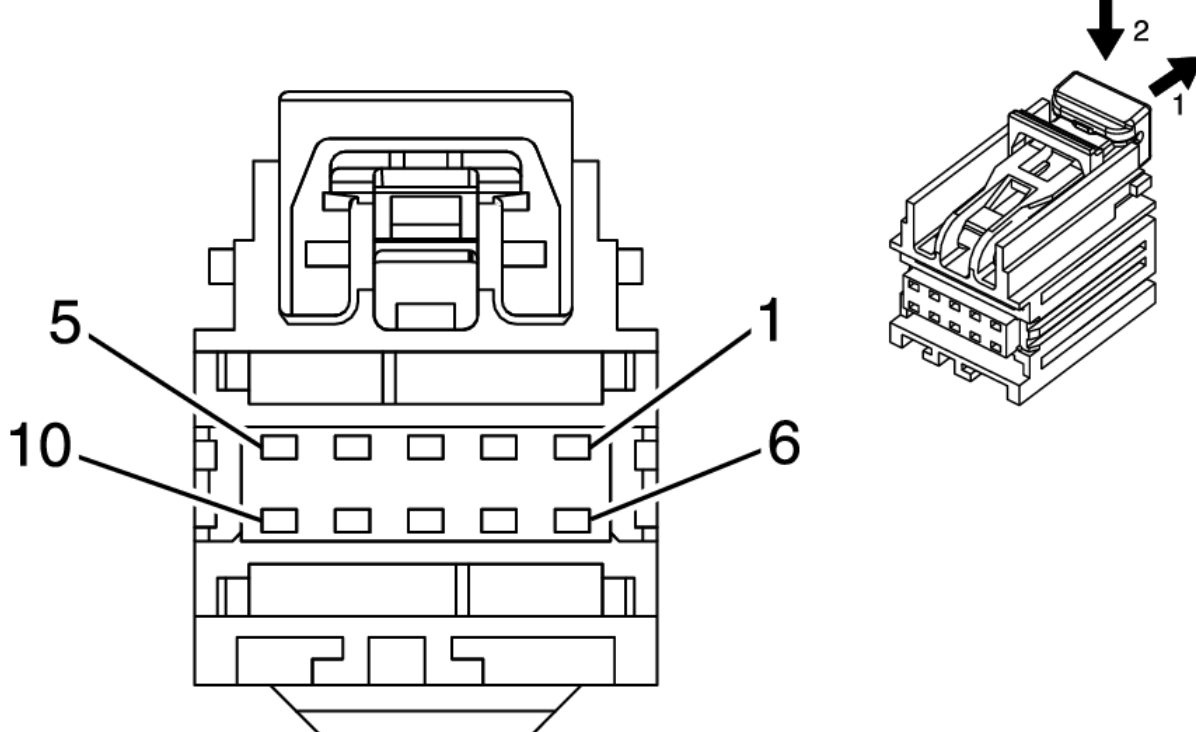
- Harness Type: Liftgate
- OEM Connector: 19115648
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 1.5 Series (BK)

#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-14 (GN)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |
| II               | Not Required    | J-35616-2A (GY)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                     | Terminal Type ID | Option |
|-----|------|-------|---------|----------------------------------------------|------------------|--------|
| 1   | 0.35 | GY    | 4668    | Rear Closure Ajar Switch Signal 3            | I                | -      |
| 2   | 0.35 | GN/BK | 4659    | Rear Closure Open                            | II               | -      |
| 3   | 0.35 | GY/VT | 4678    | Rear Closure Ajar Switch Signal 1            | II               | -      |
| 4   | 1    | BU/YE | 4679    | Rear Closure Motor Release Control 2         | I                | -      |
| 5   | 0.75 | BU/BK | 4665    | Rear Closure Ajar Switch Signal 2            | I                | -      |
| 6   | 1    | BK/VT | 5801    | Lift Gate Object Sensor Low Reference        | I                | -      |
| 7   | 1    | BN    | 4681    | Rear Closure Cinch Latch Motor Open Control  | I                | -      |
| 8   | 1    | BU/GY | 4682    | Rear Closure Cinch Latch Motor Close Control | I                | -      |

#### A23D DOOR LATCH ASSEMBLY - DRIVER



#### Connector Part Information

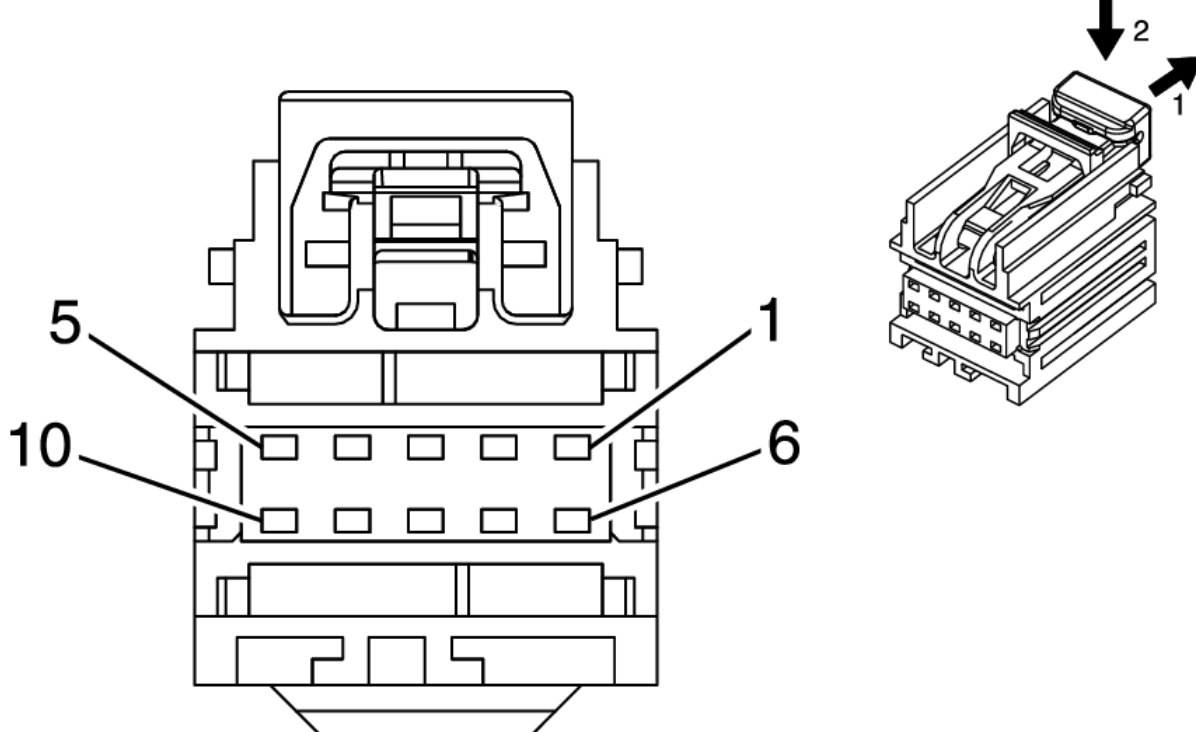
- Harness Type: Driver Door
- OEM Connector: 7289-5068-60
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-64B (LT BU)   | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin    | Size | Color | Circuit | Function                             | Terminal Type ID | Option |
|--------|------|-------|---------|--------------------------------------|------------------|--------|
| 1      | 0.35 | GY    | 745     | Left Front Door Ajar Switch Signal   | I                | -      |
| 2      | 0.35 | WH/YE | 3574    | Driver Door Open Switch Signal       | I                | -      |
| 3      | 0.35 | BK    | 750     | Ground                               | I                | -      |
| 4      | 0.35 | WH/VT | 3270    | Driver Door Lock Motor Status Signal | I                | -      |
| 5      | 0.35 | BU/VT | 1124    | Door Lock Key Switch Unlock Signal   | I                | -      |
| 6      | -    | -     | -       | Not Occupied                         | -                | -      |
| 7      | 0.75 | GY    | 5911    | Door Lock Actuator Lock Control 2    | I                | -      |
| 8      | 0.75 | BN/YE | 294     | Door Lock Actuator Unlock Control    | I                | -      |
| 9 - 10 | -    | -     | -       | Not Occupied                         | -                | -      |

#### A23LR DOOR LATCH ASSEMBLY - LEFT REAR



#### Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 13508196
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

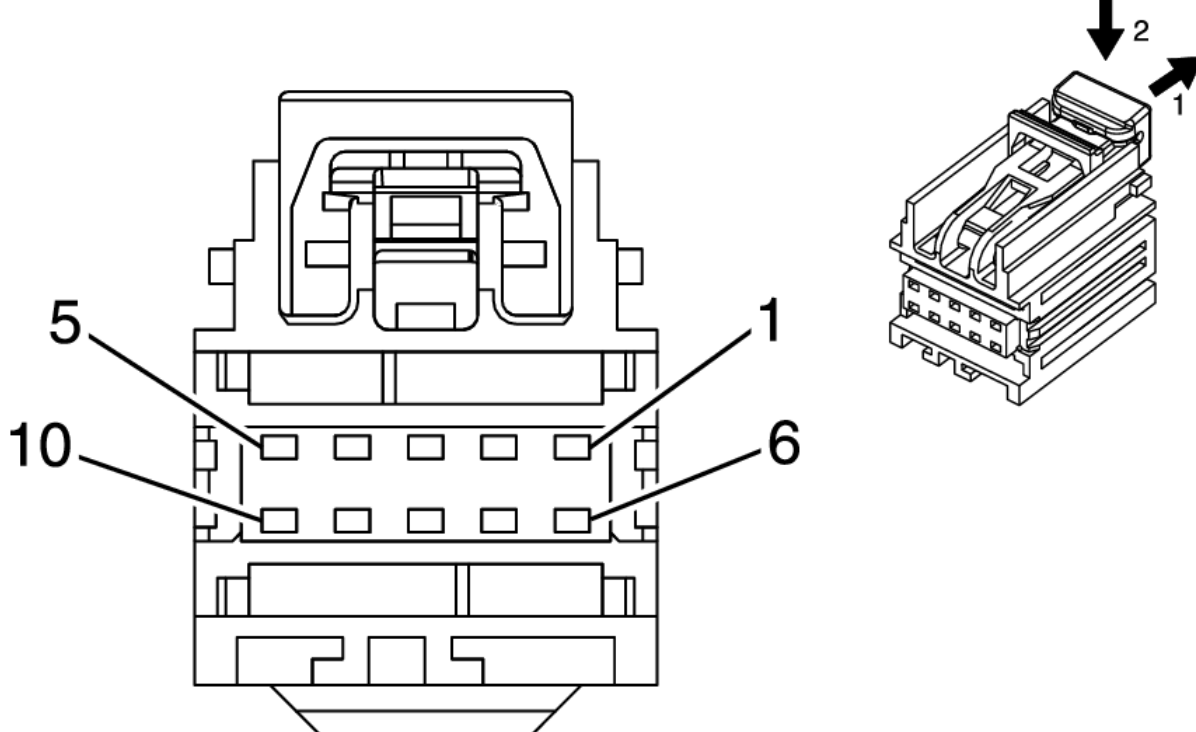
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-64B (LT BU)   | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin    | Size | Color | Circuit | Function                          | Terminal Type ID | Option |
|--------|------|-------|---------|-----------------------------------|------------------|--------|
| 1      | 0.35 | GY    | 747     | Left Rear Door Ajar Switch Signal | I                | -      |
| 2      | -    | -     | -       | Not Occupied                      | -                | -      |
| 3      | 0.35 | BK    | 2150    | Ground                            | I                | -      |
| 4 - 6  | -    | -     | -       | Not Occupied                      | -                | -      |
| 7      | 0.75 | GY    | 295     | Door Lock Actuator Lock Control   | I                | -      |
| 8      | 0.75 | BN/YE | 294     | Door Lock Actuator Unlock Control | I                | -      |
| 9 - 10 | -    | -     | -       | Not Occupied                      | -                | -      |

#### A23P DOOR LATCH ASSEMBLY - PASSENGER





#### Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 7289-5068-60
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

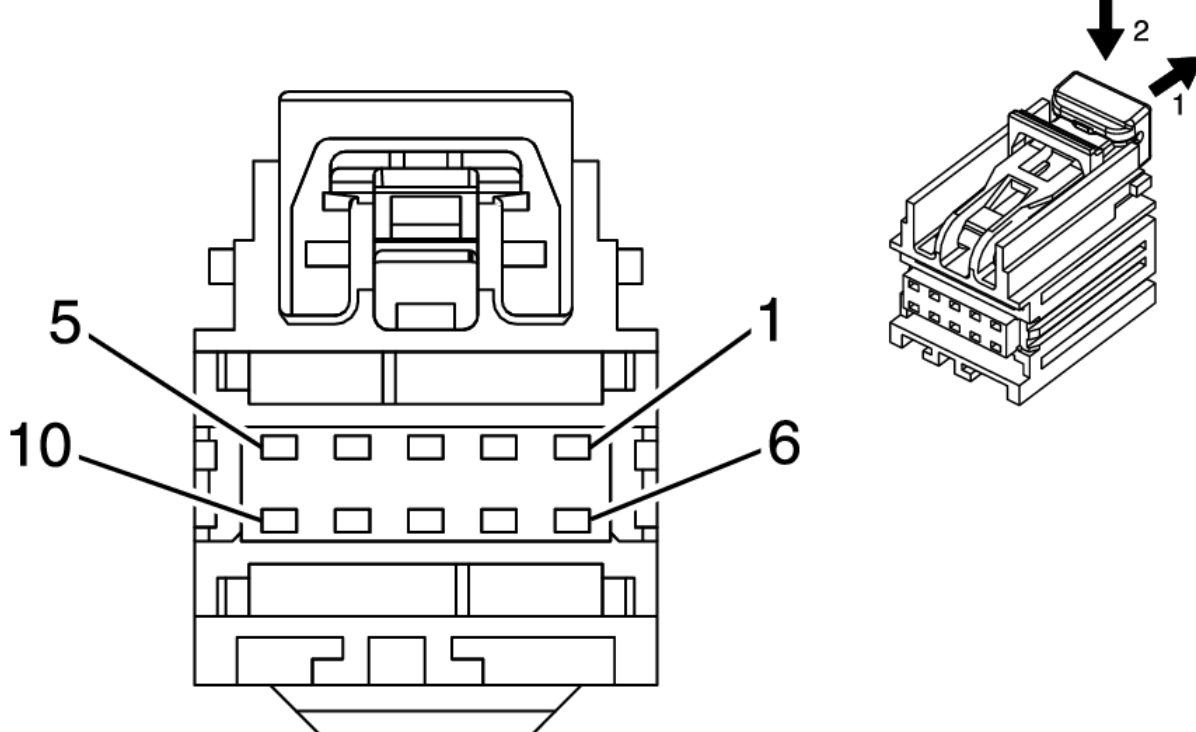
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-64B (LT BU)   | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin   | Size | Color | Circuit | Function                            | Terminal Type ID | Option |
|-------|------|-------|---------|-------------------------------------|------------------|--------|
| 1 - 2 | -    | -     | -       | Not Occupied                        | -                | -      |
| 3     | 0.35 | BK    | 650     | Ground                              | I                | -      |
| 4     | -    | -     | -       | Not Occupied                        | -                | -      |
| 5     | 0.35 | GY    | 746     | Right Front Door Ajar Switch Signal | I                | -      |
| 6 - 7 | -    | -     | -       | Not Occupied                        | -                | -      |
| 8     | 0.75 | BN/YE | 294     | Door Lock Actuator Unlock Control   | I                | -      |
| 9     | 0.75 | GY    | 295     | Door Lock Actuator Lock Control     | I                | -      |
| 10    | -    | -     | -       | Not Occupied                        | -                | -      |

#### A23RR DOOR LATCH ASSEMBLY - RIGHT REAR





#### Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 7289-5068-60
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

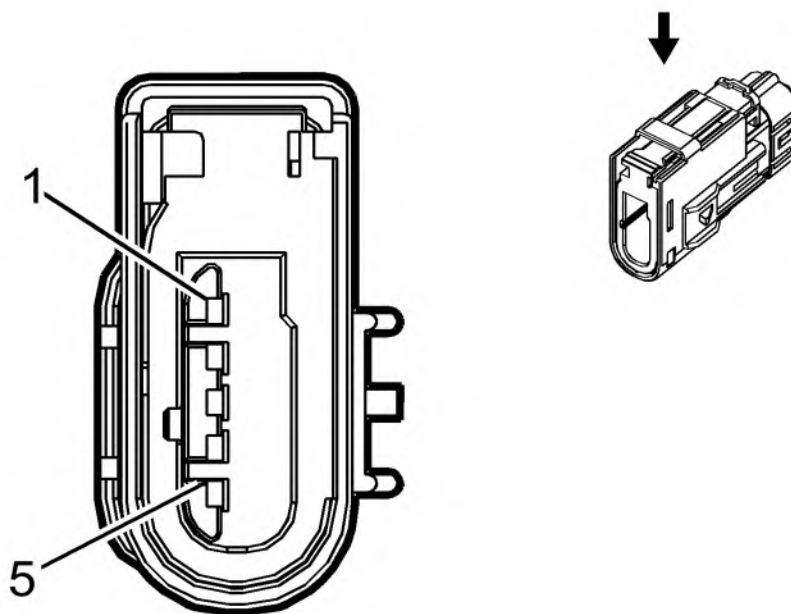
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-64B (LT BU)   | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin   | Size | Color | Circuit | Function                           | Terminal Type ID | Option |
|-------|------|-------|---------|------------------------------------|------------------|--------|
| 1 - 2 | -    | -     | -       | Not Occupied                       | -                | -      |
| 3     | 0.35 | BK    | 2050    | Ground                             | I                | -      |
| 4     | -    | -     | -       | Not Occupied                       | -                | -      |
| 5     | 0.35 | GY    | 748     | Right Rear Door Ajar Switch Signal | I                | -      |
| 6 - 7 | -    | -     | -       | Not Occupied                       | -                | -      |
| 8     | 0.75 | BN/YE | 294     | Door Lock Actuator Unlock Control  | I                | -      |
| 9     | 0.75 | GY    | 295     | Door Lock Actuator Lock Control    | I                | -      |
| 10    | -    | -     | -       | Not Occupied                       | -                | -      |

#### A24D DOOR HANDLE ASSEMBLY - DRIVER EXTERIOR (W49)





#### Connector Part Information

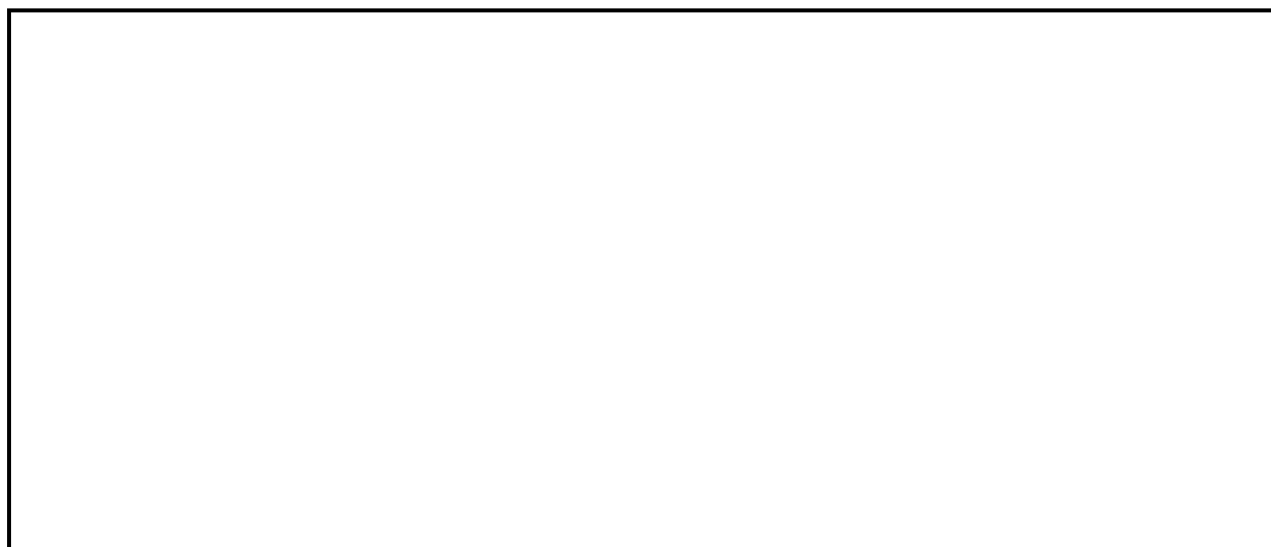
- Harness Type: Driver Door
- OEM Connector: SRVWSB-02-DK
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

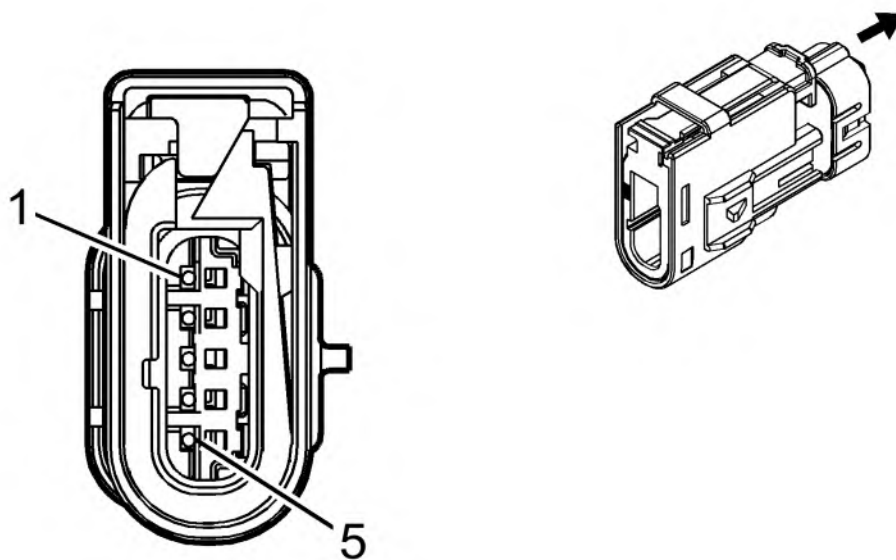
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-17 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin   | Size | Color | Circuit | Function                         | Terminal Type ID | Option |
|-------|------|-------|---------|----------------------------------|------------------|--------|
| 1     | 0.35 | GN/WH | 3570    | Driver Door Handle Switch Signal | I                | -      |
| 2 - 4 | -    | -     | -       | Not Occupied                     | -                | -      |
| 5     | 0.35 | BK    | 750     | Ground                           | I                | -      |

#### A24D DOOR HANDLE ASSEMBLY - DRIVER EXTERIOR (X88)





#### Connector Part Information

- Harness Type: Driver Door
- OEM Connector: SRVWSB-02A-DK
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

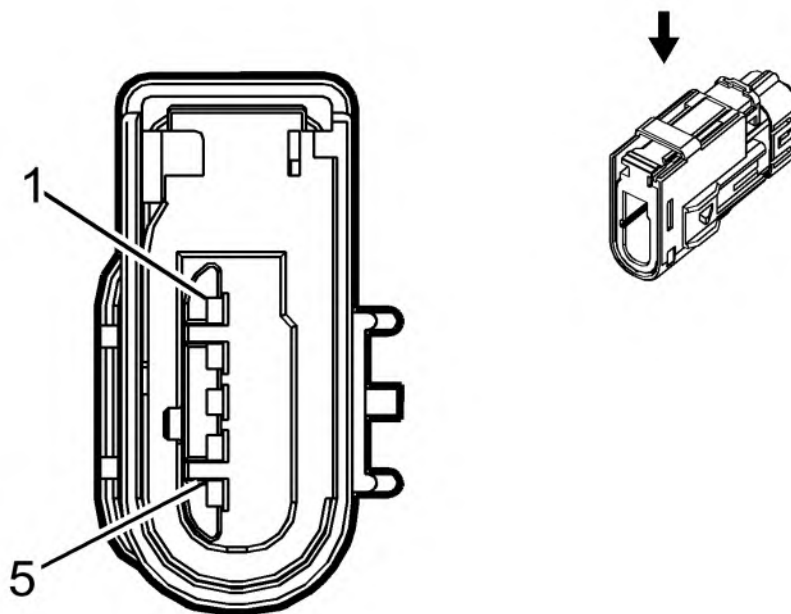
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-17 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin   | Size | Color | Circuit | Function                         | Terminal Type ID | Option |
|-------|------|-------|---------|----------------------------------|------------------|--------|
| 1     | 0.35 | GN/WH | 3570    | Driver Door Handle Switch Signal | I                | -      |
| 2 - 4 | -    | -     | -       | Not Occupied                     | -                | -      |
| 5     | 0.35 | BK    | 750     | Ground                           | I                | -      |

#### A24LR DOOR HANDLE ASSEMBLY - LEFT REAR EXTERIOR (W49)





#### Connector Part Information

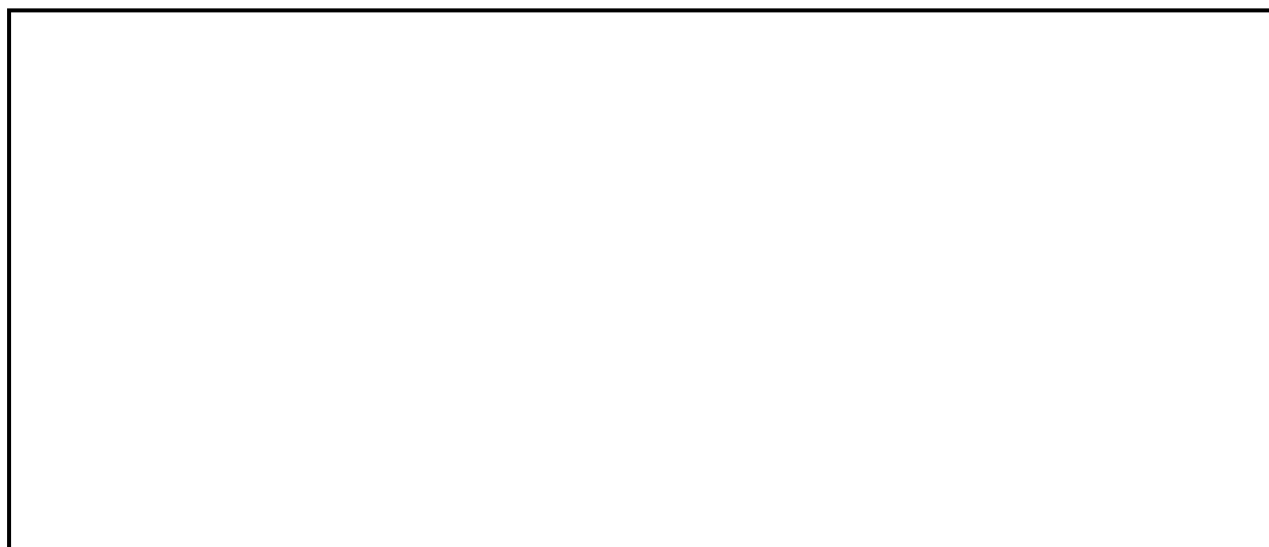
- Harness Type: Left Rear Door
- OEM Connector: SRVWSB-02-DK
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

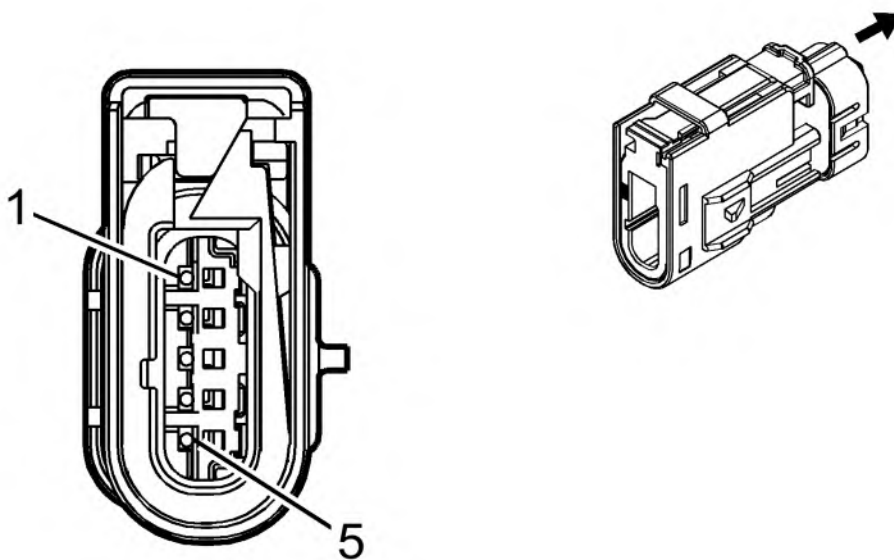
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-17 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin   | Size | Color | Circuit | Function                            | Terminal Type ID | Option |
|-------|------|-------|---------|-------------------------------------|------------------|--------|
| 1     | 0.5  | BN/YE | 6157    | Left Rear Door Handle Switch Signal | I                | -      |
| 2 - 4 | -    | -     | -       | Not Occupied                        | -                | -      |
| 5     | 0.5  | BK    | 2150    | Ground                              | I                | -      |

#### A24LR DOOR HANDLE ASSEMBLY - LEFT REAR EXTERIOR (X88)





#### Connector Part Information

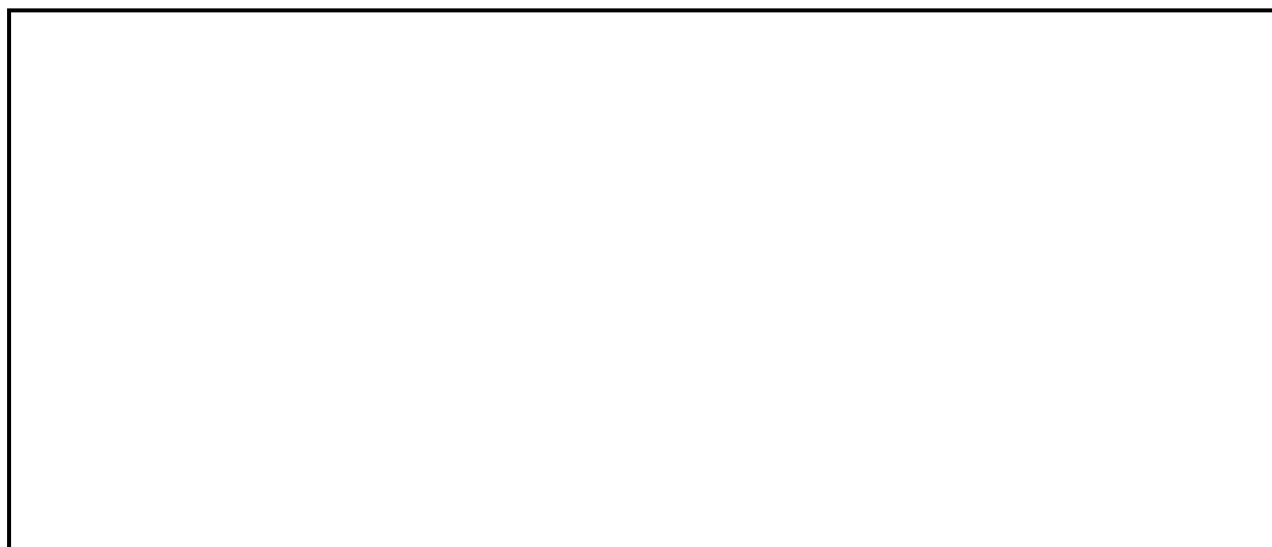
- Harness Type: Left Rear Door
- OEM Connector: SRVWSB-02A-DK
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

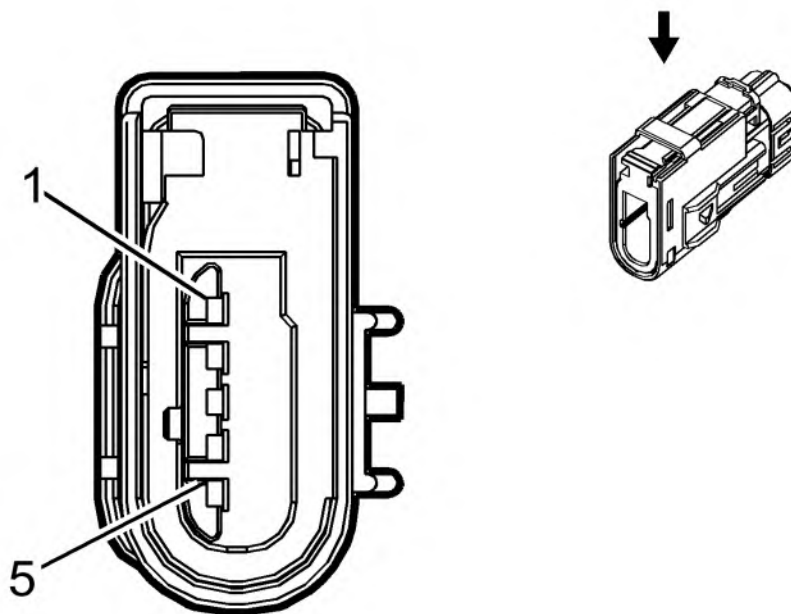
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-17 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin   | Size | Color | Circuit | Function                            | Terminal Type ID | Option |
|-------|------|-------|---------|-------------------------------------|------------------|--------|
| 1     | 0.5  | BN/YE | 6157    | Left Rear Door Handle Switch Signal | I                | -      |
| 2 - 4 | -    | -     | -       | Not Occupied                        | -                | -      |
| 5     | 0.5  | BK    | 2150    | Ground                              | I                | -      |

#### A24P DOOR HANDLE ASSEMBLY - PASSENGER EXTERIOR (W49)





#### Connector Part Information

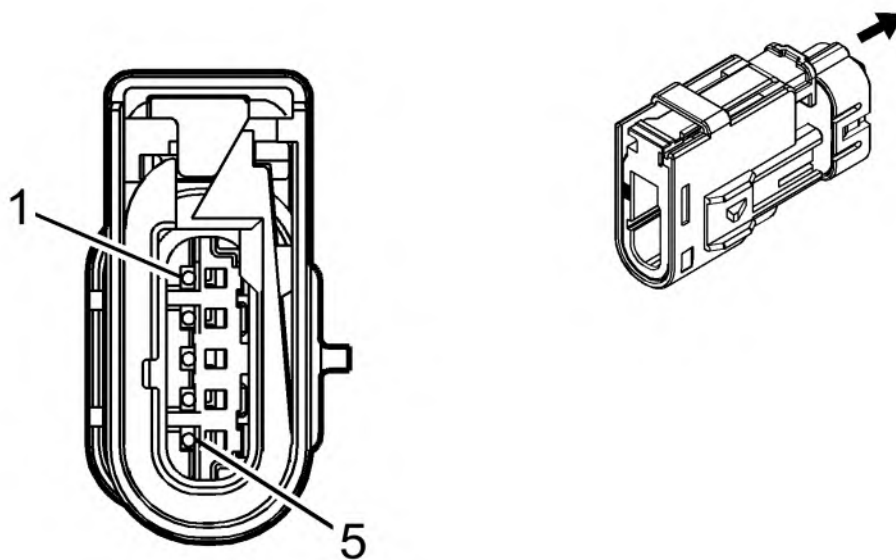
- Harness Type: Passenger Door
- OEM Connector: SRVWSB-02-DK
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-17 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin   | Size | Color | Circuit | Function                            | Terminal Type ID | Option |
|-------|------|-------|---------|-------------------------------------|------------------|--------|
| 1     | 0.35 | VT/WH | 3571    | Passenger Door Handle Switch Signal | I                | -      |
| 2 - 4 | -    | -     | -       | Not Occupied                        | -                | -      |
| 5     | 0.35 | BK    | 650     | Ground                              | I                | -      |

#### A24P DOOR HANDLE ASSEMBLY - PASSENGER EXTERIOR (X88)



#### Connector Part Information

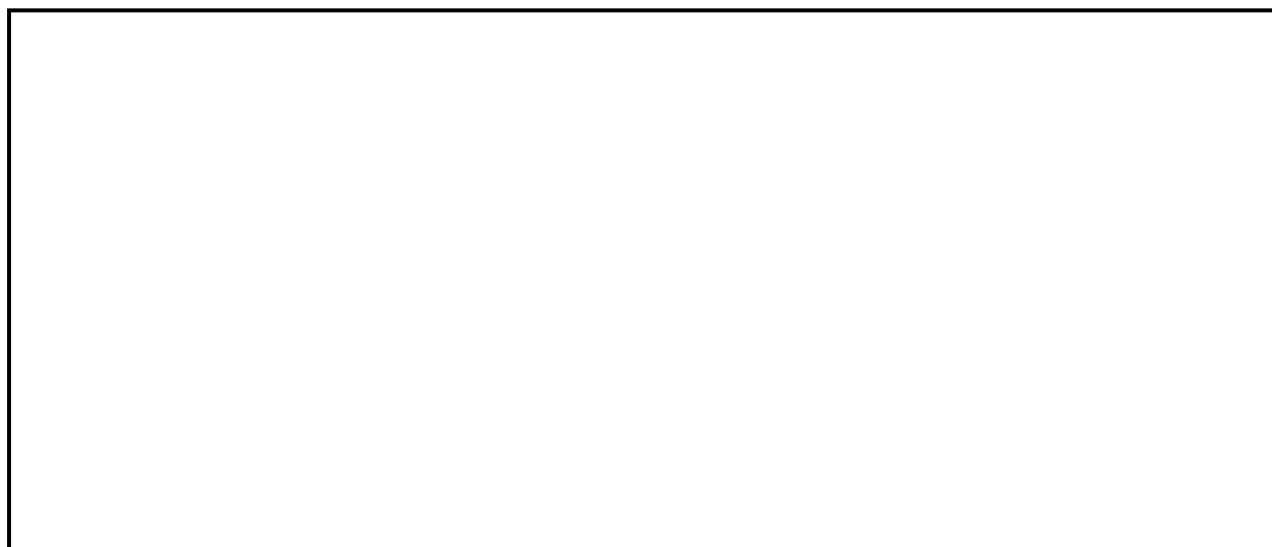
- Harness Type: Passenger Door
- OEM Connector: SRVWSB-02A-DK
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

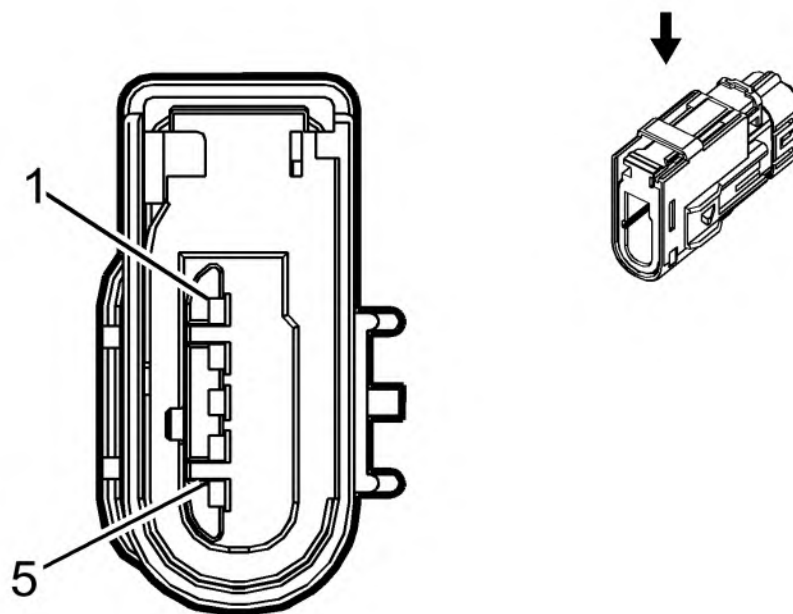
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-17 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin   | Size | Color | Circuit | Function                            | Terminal Type ID | Option |
|-------|------|-------|---------|-------------------------------------|------------------|--------|
| 1     | 0.35 | VT/WH | 3571    | Passenger Door Handle Switch Signal | I                | -      |
| 2 - 4 | -    | -     | -       | Not Occupied                        | -                | -      |
| 5     | 0.35 | BK    | 650     | Ground                              | I                | -      |

#### A24RR DOOR HANDLE ASSEMBLY - RIGHT REAR EXTERIOR (W49)





#### Connector Part Information

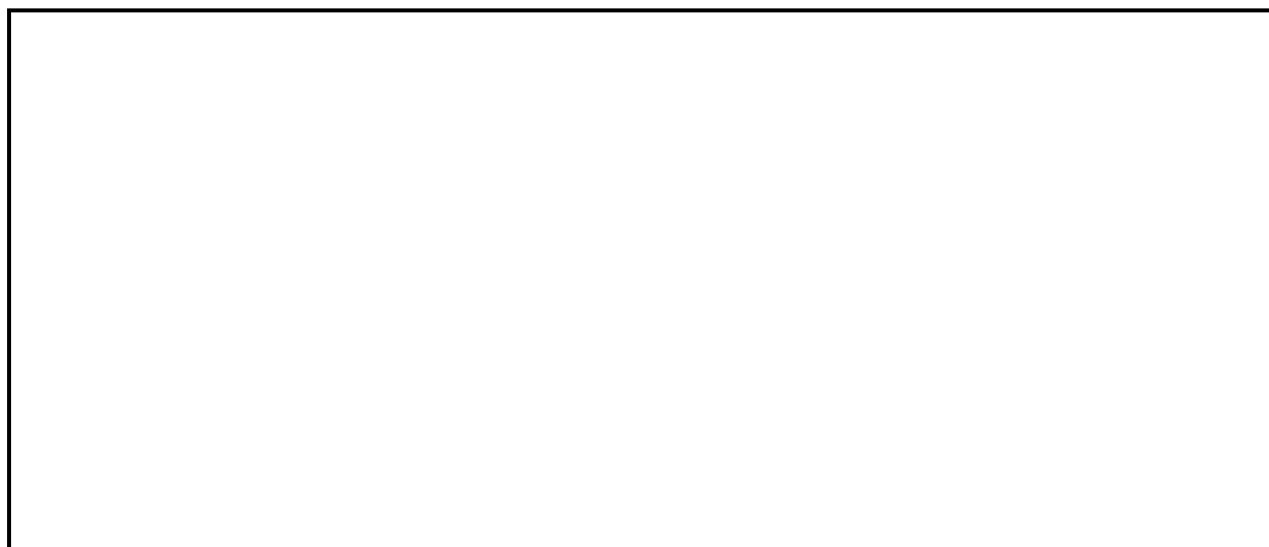
- Harness Type: Right Rear Door
- OEM Connector: SRVWSB-02-DK
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

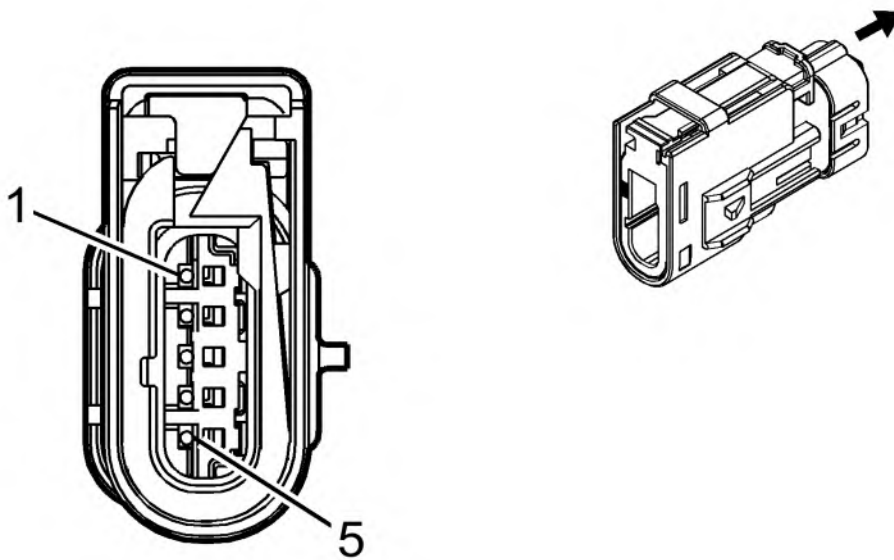
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-17 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin   | Size | Color | Circuit | Function                             | Terminal Type ID | Option |
|-------|------|-------|---------|--------------------------------------|------------------|--------|
| 1     | 0.5  | YE/GY | 6158    | Right Rear Door Handle Switch Signal | I                | -      |
| 2 - 4 | -    | -     | -       | Not Occupied                         | -                | -      |
| 5     | 0.5  | BK    | 2050    | Ground                               | I                | -      |

#### A24RR DOOR HANDLE ASSEMBLY - RIGHT REAR EXTERIOR (X88)





#### Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: SRVWSB-02A-DK
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

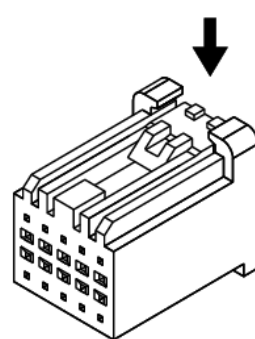
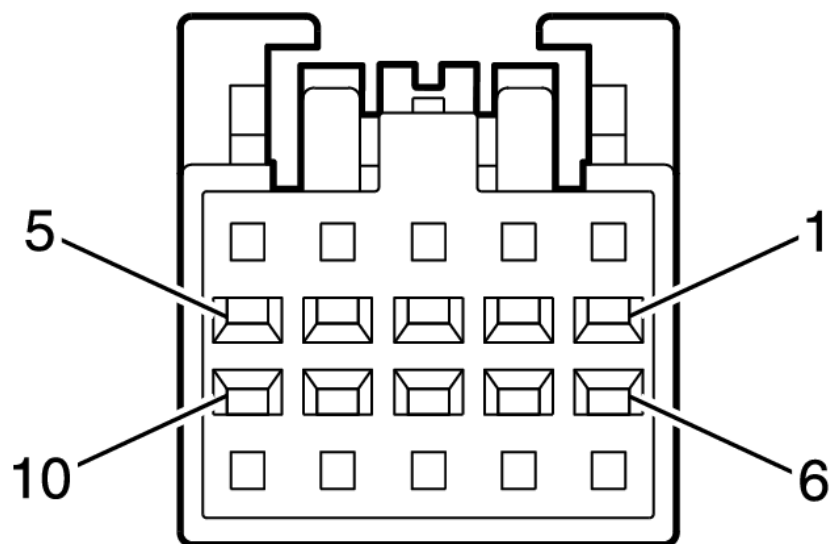
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-17 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin   | Size | Color | Circuit | Function                             | Terminal Type ID | Option |
|-------|------|-------|---------|--------------------------------------|------------------|--------|
| 1     | 0.5  | YE/GY | 6158    | Right Rear Door Handle Switch Signal | I                | -      |
| 2 - 4 | -    | -     | -       | Not Occupied                         | -                | -      |
| 5     | 0.5  | BK    | 2050    | Ground                               | I                | -      |

#### A26 HVAC CONTROLS





#### Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13581139
- Service Connector: 13581139
- Description: 10-Way F 0.64 Kaizen Series (GY)

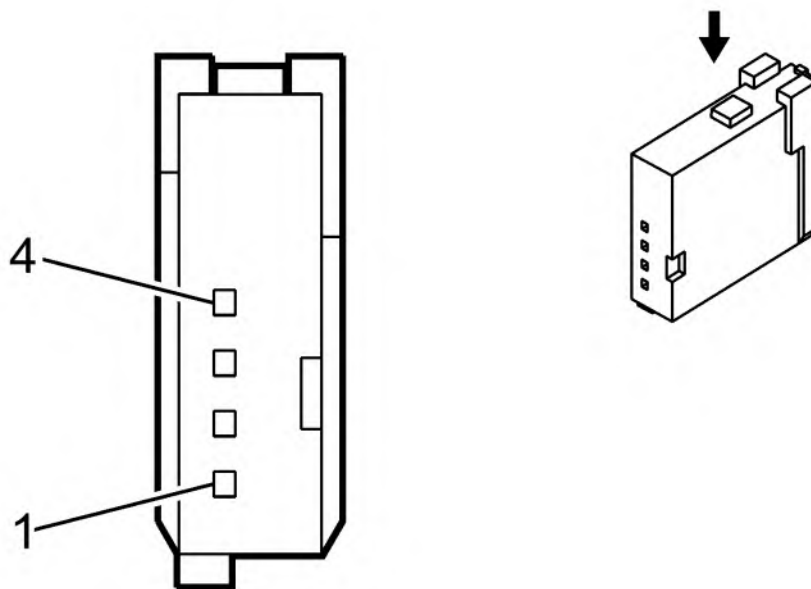
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name     | Core Crimp    | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|---------------|---------------|------------------|
| I                | 13575867        | J-35616-64B (LT BU)   | J-38125-215A          | Not Available    | Not Available | Not Available | Not Available    |

| Pin   | Size | Color | Circuit | Function                                     | Terminal Type ID | Option |
|-------|------|-------|---------|----------------------------------------------|------------------|--------|
| 1     | 0.35 | RD/BU | 3240    | Battery Positive Voltage                     | I                | -      |
| 2     | -    | -     | -       | Not Occupied                                 | -                | -      |
| 3     | 0.35 | GN    | 5060    | Low Speed GMLAN Serial Data                  | I                | -      |
| 4 - 8 | -    | -     | -       | Not Occupied                                 | -                | -      |
| 9     | 0.35 | GN/YE | 7531    | Local Interconnect Network Serial Data Bus 9 | I                | -      |
| 10    | 0.35 | BK/WH | 1751    | Signal Ground                                | I                | -      |

#### A34 HVAC CONTROLS - AUXILIARY





#### Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 13577683
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Series (BK)

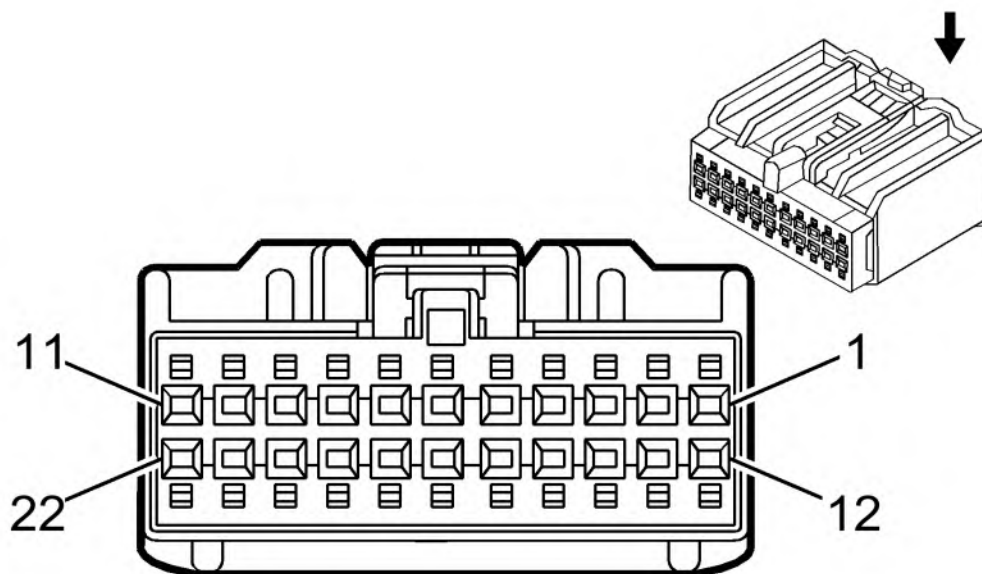
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-64B (LT BU)   | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                     | Terminal Type ID | Option |
|-----|------|-------|---------|----------------------------------------------|------------------|--------|
| 1   | 0.35 | VT/GY | 1039    | Run/Crank Ignition 1 Voltage                 | I                | -      |
| 2   | -    | -     | -       | Not Occupied                                 | -                | -      |
| 3   | 0.35 | GN/YE | 7531    | Local Interconnect Network Serial Data Bus 9 | I                | -      |
| 4   | 0.35 | BK    | 1650    | Ground                                       | I                | -      |

#### A98 FRONT OVERHEAD CONSOLE ASSEMBLY





#### Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13504097
- Service Connector: 13504097
- Description: 22-Way F 0.64 Kaizen Series (BK)

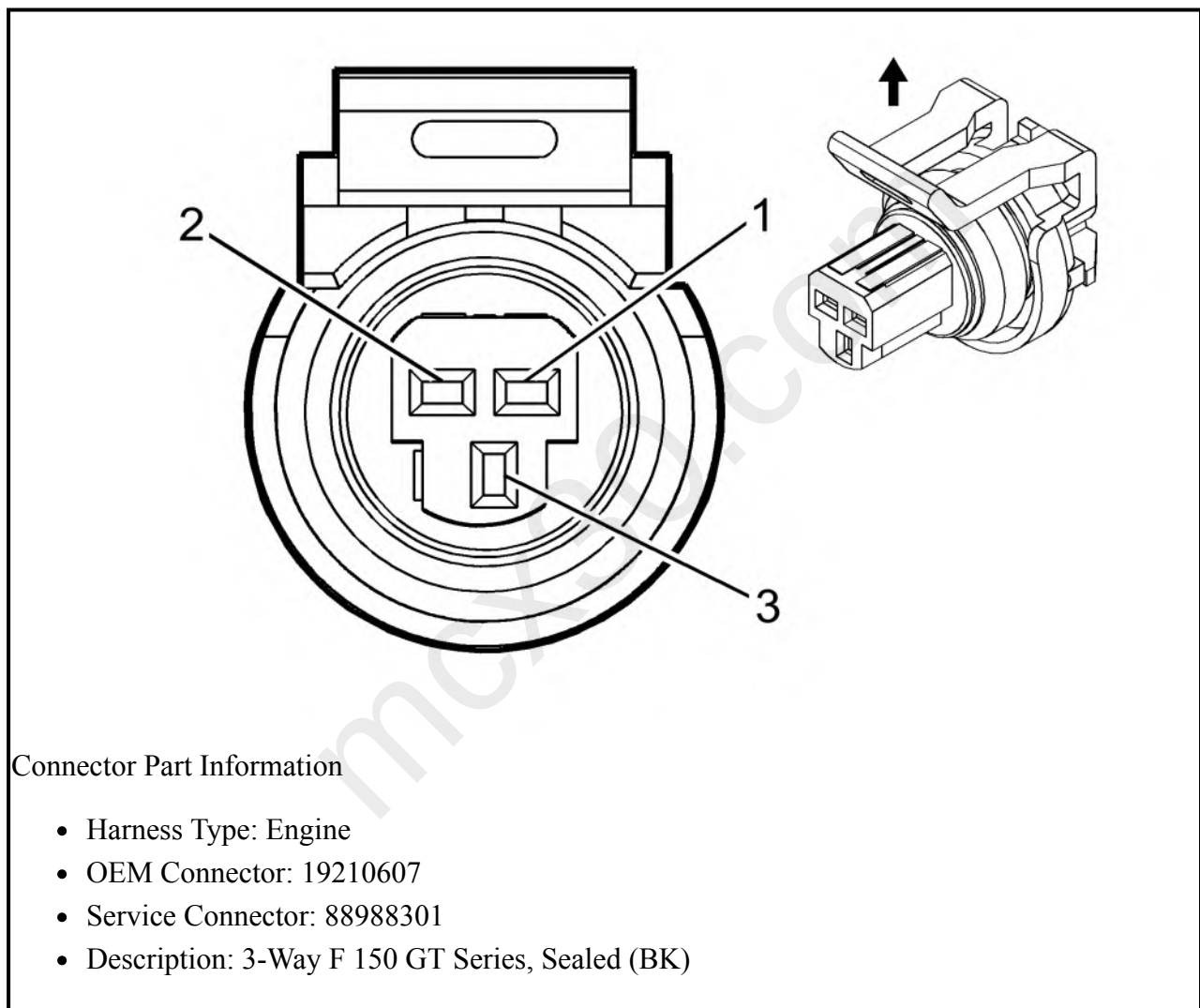
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name | Core Crimp | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|-----------|------------|------------------|
| I                | 13575867        | J-35616-64B (LT BU)   | J-38125-215A          | SAIT-A03T-M064   | Yazaki 14 | P          | P                |

| Pin | Size | Color | Circuit | Function                                | Terminal Type ID | Option |
|-----|------|-------|---------|-----------------------------------------|------------------|--------|
| 1   | 0.35 | RD/BU | 3940    | Battery Positive Voltage                | I                | -      |
| 2   | 0.35 | WH/YE | 7557    | LED Ambient Lighting Control 1          | I                | -      |
| 3   | 0.35 | GY    | 156     | Courtesy Lamp Switch Signal             | I                | -      |
| 4   | -    | -     | -       | Not Occupied                            | -                | -      |
| 5   | 0.35 | BK/WH | 1751    | Signal Ground                           | I                | -      |
| 6   | -    | -     | -       | Not Occupied                            | -                | -      |
| 7   | 0.35 | WH/BN | 6815    | Inadvertent Power Control               | I                | -      |
| 8   | 0.35 | GY    | 157     | Interior Lamp Control                   | I                | -      |
| 9   | 0.35 | BU/VT | 5027    | Sunroof Switch Data 1 Signal            | I                | -      |
| 10  | -    | -     | -       | Not Occupied                            | -                | -      |
| 11  | 0.35 | GN    | 2308    | Passenger Air Bag Off Indicator Control | I                | -      |
| 12  | 0.35 | BU    | 2307    | Passenger Air Bag On Indicator Control  | I                | -      |
| 13  | 0.35 | VT/WH | 5234    | Passenger Seat Belt Indicator Control   | I                | -      |
| 14  | 0.35 | BN/WH | 2517    | Keypad Red LED Control                  | I                | -      |
| 15  | 0.35 | YE/VT | 2516    | Keypad Green LED Control                | I                | -      |

| Pin | Size | Color | Circuit | Function                           | Terminal Type ID | Option |
|-----|------|-------|---------|------------------------------------|------------------|--------|
| 16  | 0.35 | GN/BK | 2515    | Keypad Control                     | I                | -      |
| 17  | 0.35 | GN/WH | 2514    | Keypad Signal                      | I                | -      |
| 18  | 0.35 | WH    | 6816    | Indicator Dimming Control          | I                | -      |
| 19  | 0.35 | BU/GY | 4672    | Dome Lamp Off Indicator Control    | I                | -      |
| 20  | 0.35 | BK/GY | 128     | Sunroof Switch Low Reference       | I                | -      |
| 21  | 0.35 | GY/GN | 328     | Interior Lamp Defeat Switch Signal | I                | -      |
| 22  | 0.35 | YE    | 6817    | LED Backlight Dimming Control      | I                | -      |

## B1 A/C REFRIGERANT PRESSURE SENSOR



## Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-14 (GN)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                      | Terminal Type ID | Option |
|-----|------|-------|---------|-----------------------------------------------|------------------|--------|
| 1   | 0.5  | BK/BN | 5514    | A/C Refrigerant Pressure Sensor Low Reference | I                | -      |
| 2   | 0.5  | BN/RD | 2700    | A/C Pressure Sensor 5V Reference              | I                | -      |

| Pin | Size | Color | Circuit | Function                               | Terminal Type ID | Option |
|-----|------|-------|---------|----------------------------------------|------------------|--------|
| 3   | 0.5  | GN    | 380     | A/C Refrigerant Pressure Sensor Signal | I                | -      |

**B5LF WHEEL SPEED SENSOR - LEFT FRONT**

Connector Part Information

- Harness Type: Body
- OEM Connector: 33189088
- Service Connector: 19368562
- Description: 2-Way F 1.5 YESC Series, Sealed (BK)

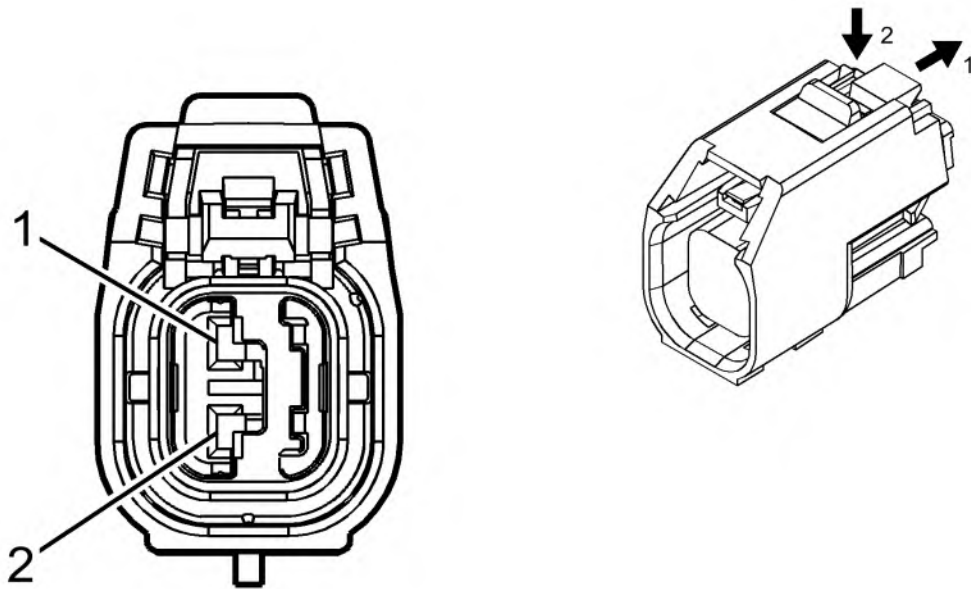
**Terminal Part Information**

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-14 (GN)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                              | Terminal Type ID | Option |
|-----|------|-------|---------|---------------------------------------|------------------|--------|
| 1   | 0.5  | GY/WH | 7064    | Wheel Speed Sensor Control Left Front | I                | -      |
| 2   | 0.5  | GY    | 830     | Wheel Speed Sensor Signal Left Front  | I                | -      |

**B5LF WHEEL SPEED SENSOR - LEFT FRONT (X88)**

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|



### Connector Part Information

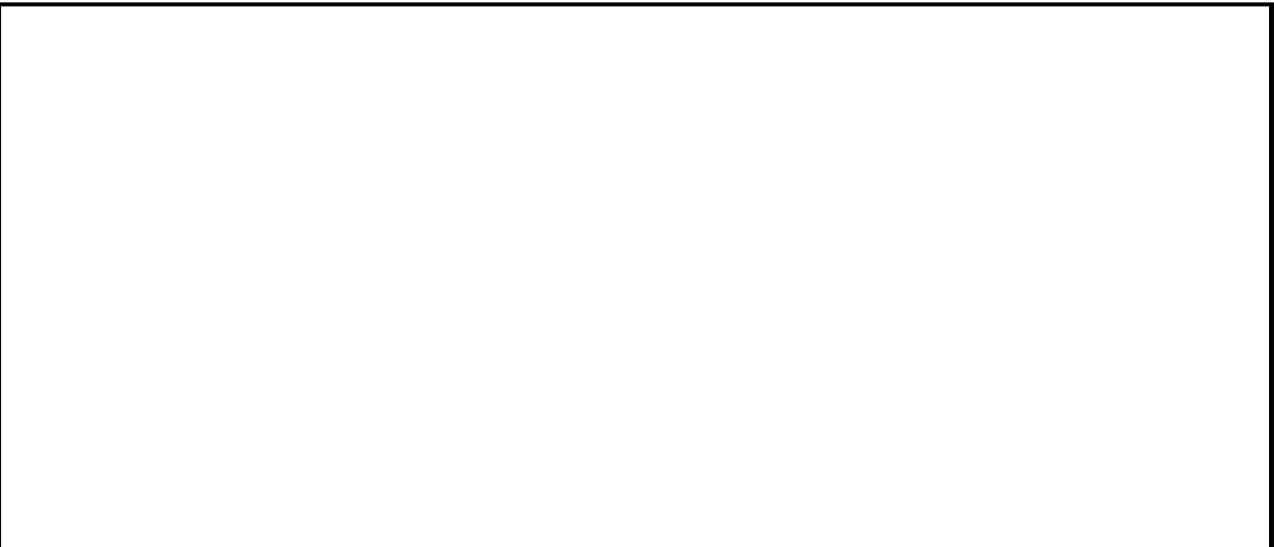
- Harness Type: Body
- OEM Connector: 33189088
- Service Connector: 19368562
- Description: 2-Way F 1.5 YESC Series, Sealed (BK)

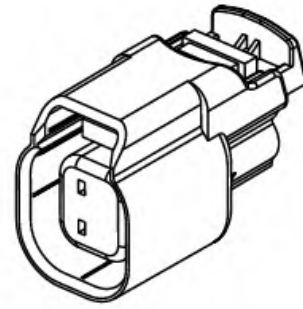
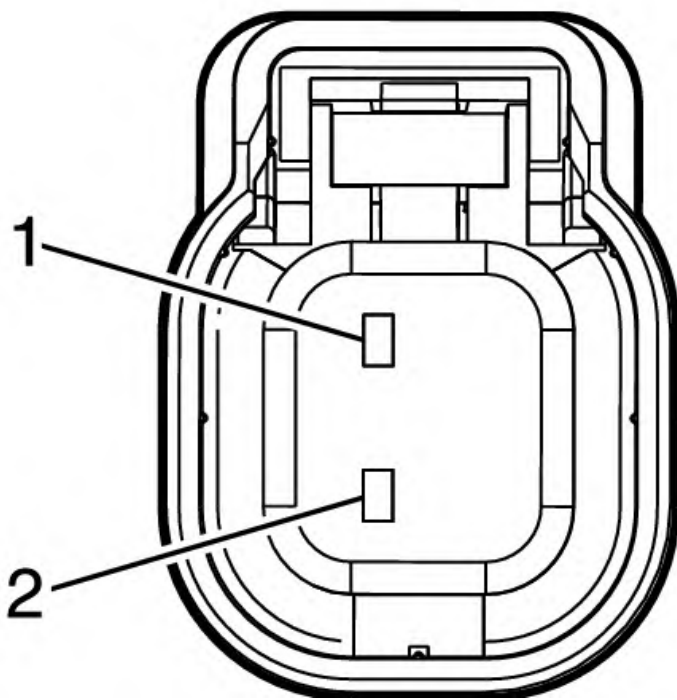
### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-14 (GN)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                              | Terminal Type ID | Option  |
|-----|------|-------|---------|---------------------------------------|------------------|---------|
| 1   | 0.5  | GY/WH | 7064    | Wheel Speed Sensor Control Left Front | I                | JL9/J61 |
| 2   | 0.5  | GY    | 830     | Wheel Speed Sensor Signal Left Front  | I                | JL9/J61 |

### B5LR WHEEL SPEED SENSOR - LEFT REAR





#### Connector Part Information

- Harness Type: Chassis
- OEM Connector: 13503510
- Service Connector: 19367569
- Description: 2-Way F 1.5 Series, Sealed (BK)

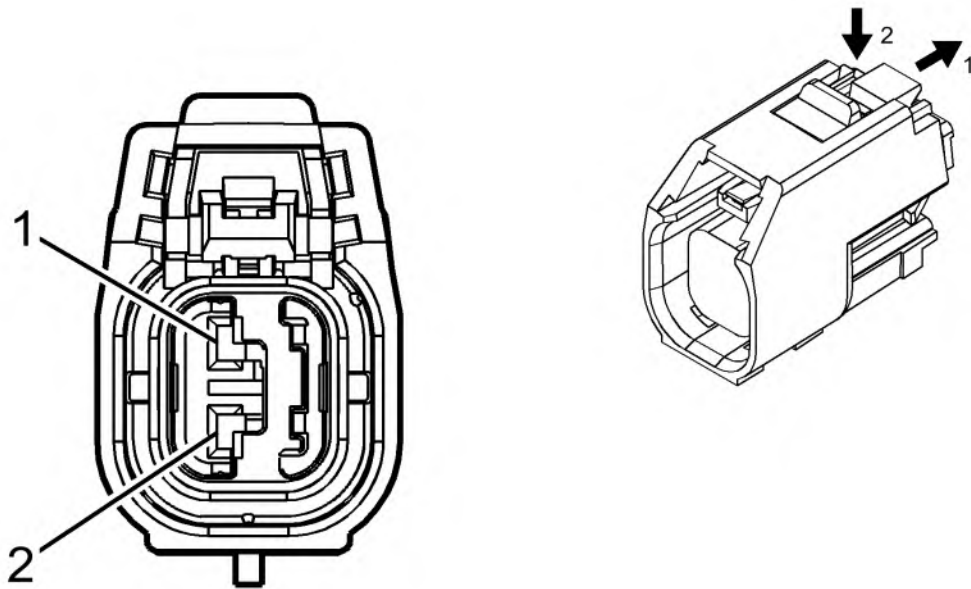
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-14 (GN)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                             | Terminal Type ID | Option |
|-----|------|-------|---------|--------------------------------------|------------------|--------|
| 1   | 0.5  | GY/BK | 7127    | Wheel Speed Sensor Control Left Rear | I                | -      |
| 2   | 0.5  | BU    | 884     | Wheel Speed Sensor Signal Left Rear  | I                | -      |

#### B5RF WHEEL SPEED SENSOR - RIGHT FRONT





### Connector Part Information

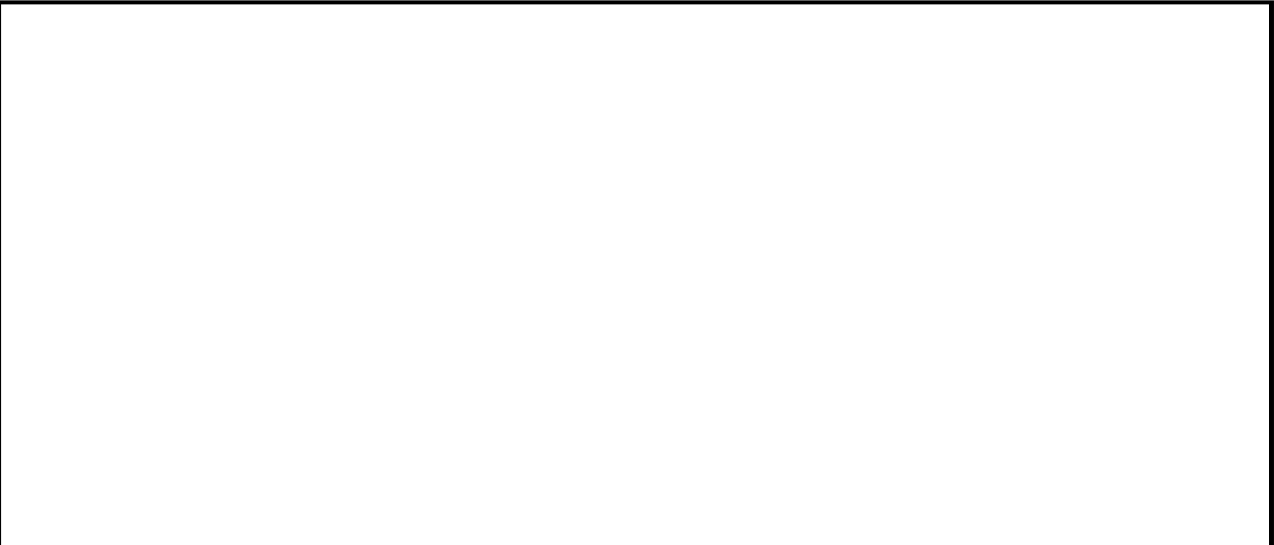
- Harness Type: Body
- OEM Connector: 33189088
- Service Connector: 19368562
- Description: 2-Way F 1.5 YESC Series, Sealed (BK)

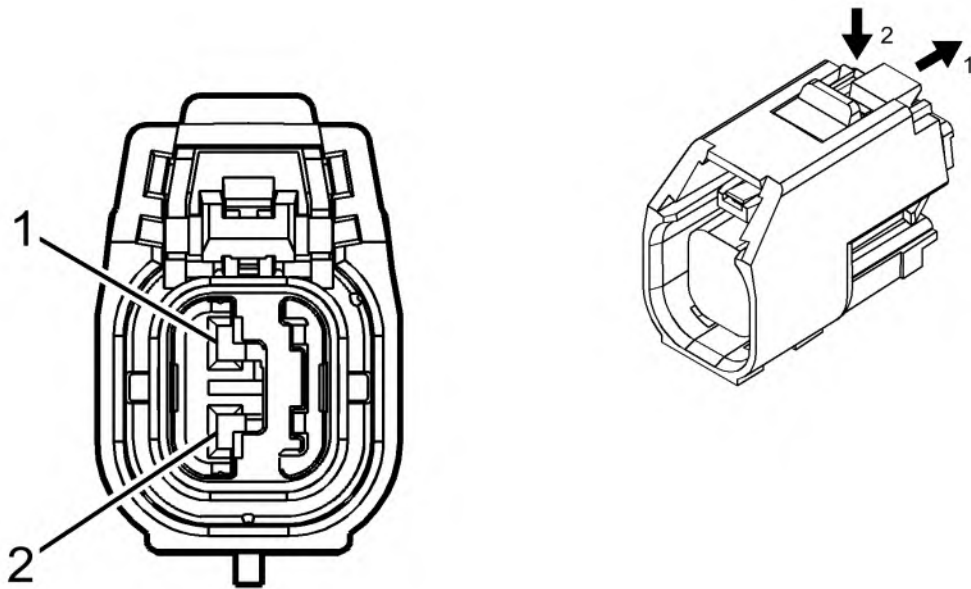
### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-14 (GN)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                               | Terminal Type ID | Option |
|-----|------|-------|---------|----------------------------------------|------------------|--------|
| 1   | 0.5  | GY/BN | 7065    | Wheel Speed Sensor Control Right Front | I                | -      |
| 2   | 0.5  | YE    | 872     | Wheel Speed Sensor Signal Right Front  | I                | -      |

### B5RF WHEEL SPEED SENSOR - RIGHT FRONT (X88)





### Connector Part Information

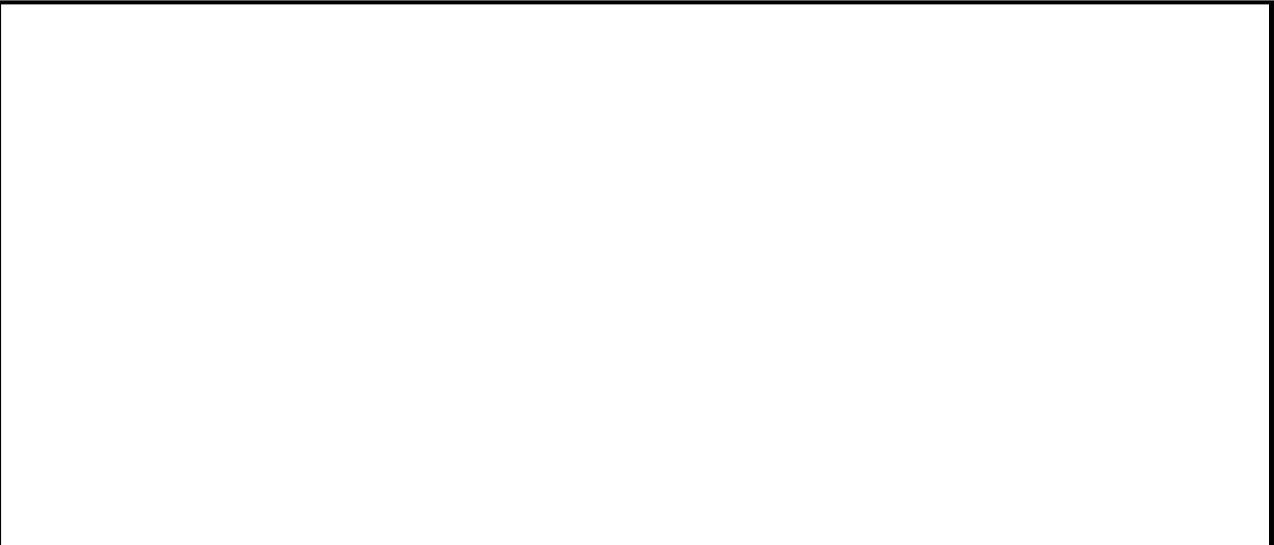
- Harness Type: Body
- OEM Connector: 33189088
- Service Connector: 19368562
- Description: 2-Way F 1.5 YESC Series, Sealed (BK)

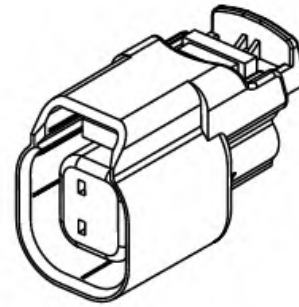
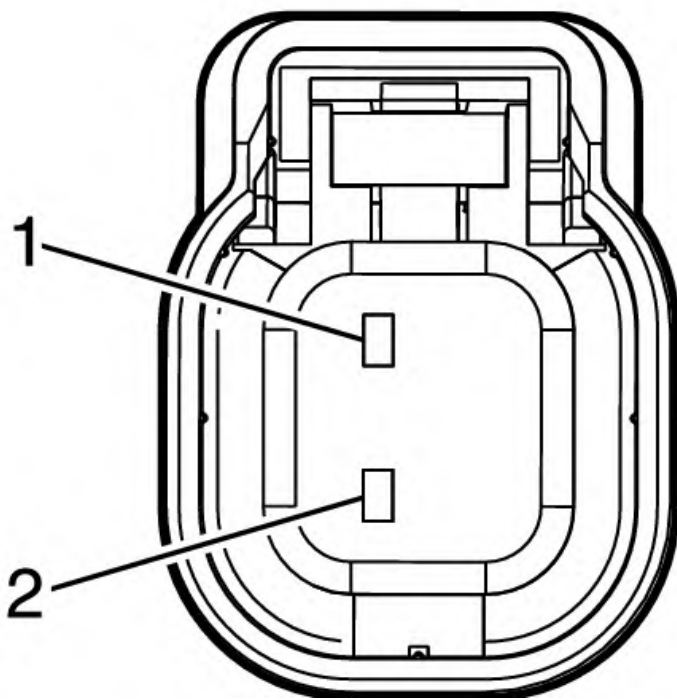
### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-14 (GN)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                               | Terminal Type ID | Option |
|-----|------|-------|---------|----------------------------------------|------------------|--------|
| 1   | 0.5  | GY/BN | 7065    | Wheel Speed Sensor Control Right Front | I                | -      |
| 2   | 0.5  | YE    | 872     | Wheel Speed Sensor Signal Right Front  | I                | -      |

### B5RR WHEEL SPEED SENSOR - RIGHT REAR





#### Connector Part Information

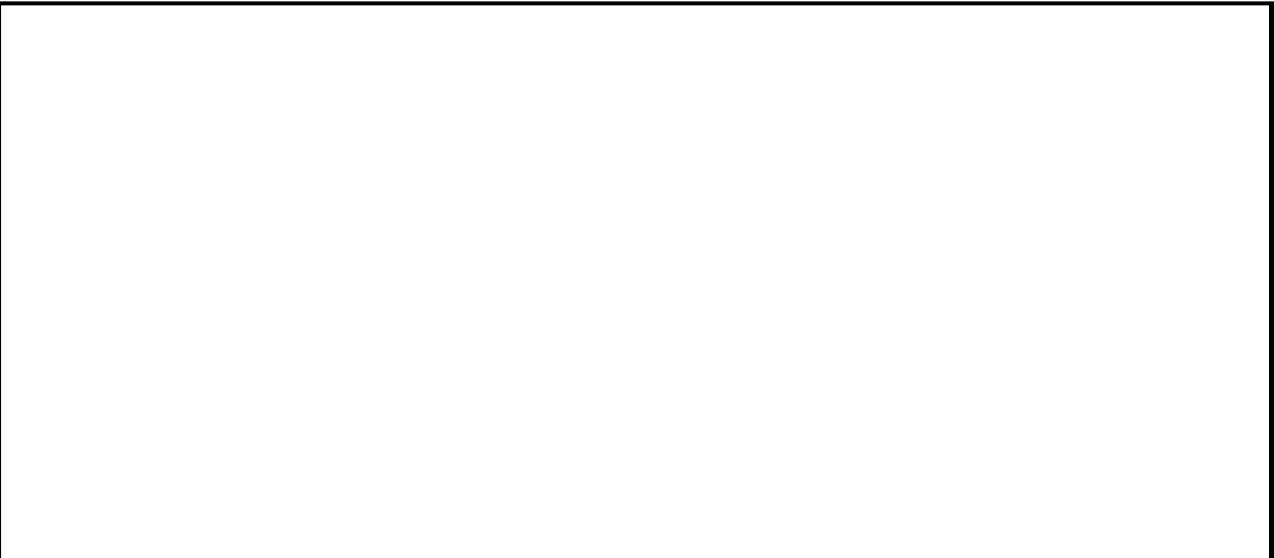
- Harness Type: Chassis
- OEM Connector: 13503510
- Service Connector: 19367569
- Description: 2-Way F 1.5 Series, Sealed (BK)

#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-14 (GN)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

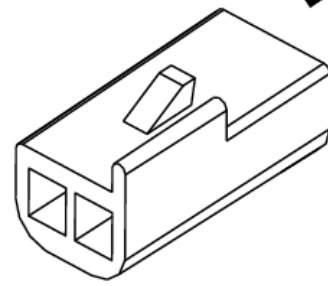
| Pin | Size | Color | Circuit | Function                              | Terminal Type ID | Option |
|-----|------|-------|---------|---------------------------------------|------------------|--------|
| 1   | 0.5  | GY/YE | 7128    | Wheel Speed Sensor Control Right Rear | I                | -      |
| 2   | 0.5  | VT    | 882     | Wheel Speed Sensor Signal Right Rear  | I                | -      |

#### B7C AIR TEMPERATURE SENSOR - DUCT LOWER AUXILIARY



A

B



#### Connector Part Information

- Harness Type: HVAC
- OEM Connector: 12047662
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 Metri-Pack Series (BK)

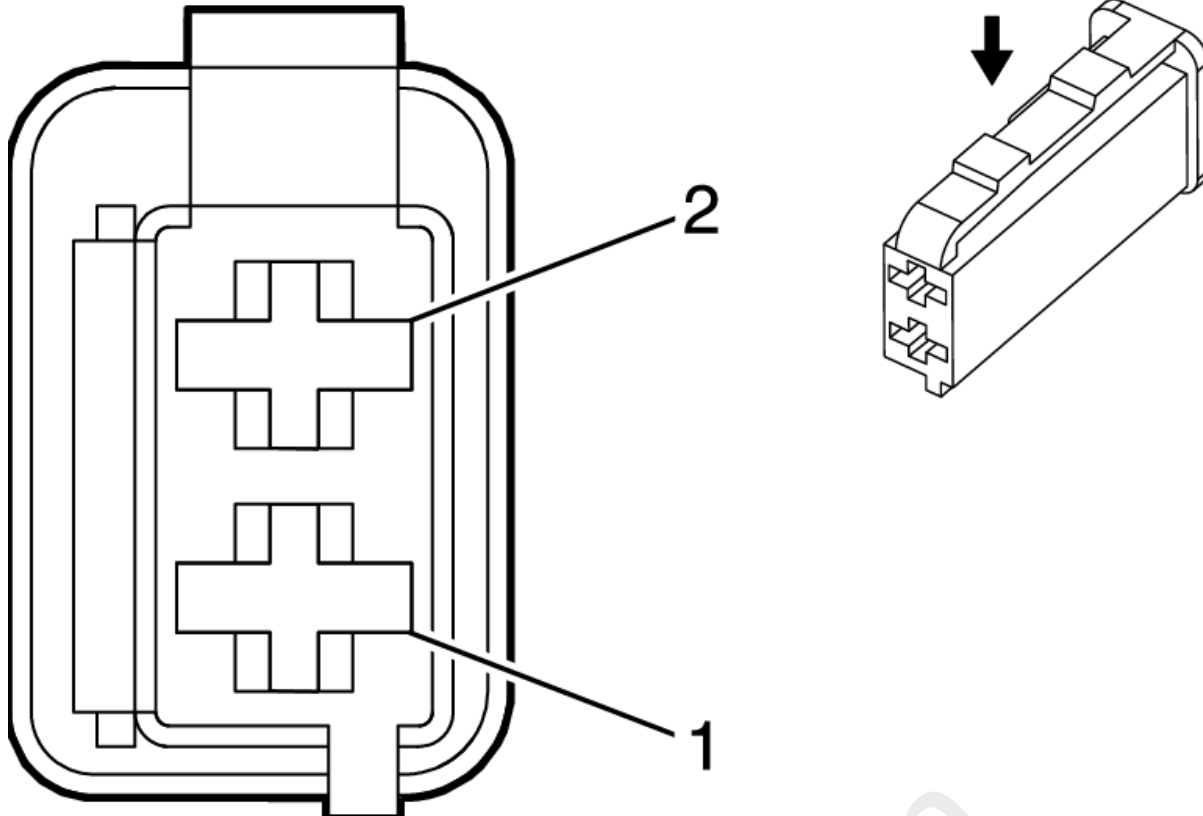
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | Not Available         | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                      | Terminal Type ID | Option |
|-----|------|-------|---------|-----------------------------------------------|------------------|--------|
| A   | 0.35 | BN/BK | 405     | Lower Air Temperature Sensor Signal           | I                | -      |
| B   | 0.35 | BK/BU | 7566    | Humidity/Windscreen Temp Sensor Low Reference | I                | -      |

#### **B7D AIR TEMPERATURE SENSOR - DUCT LEFT LOWER**





#### Connector Part Information

- Harness Type: HVAC
- OEM Connector: 1563189-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

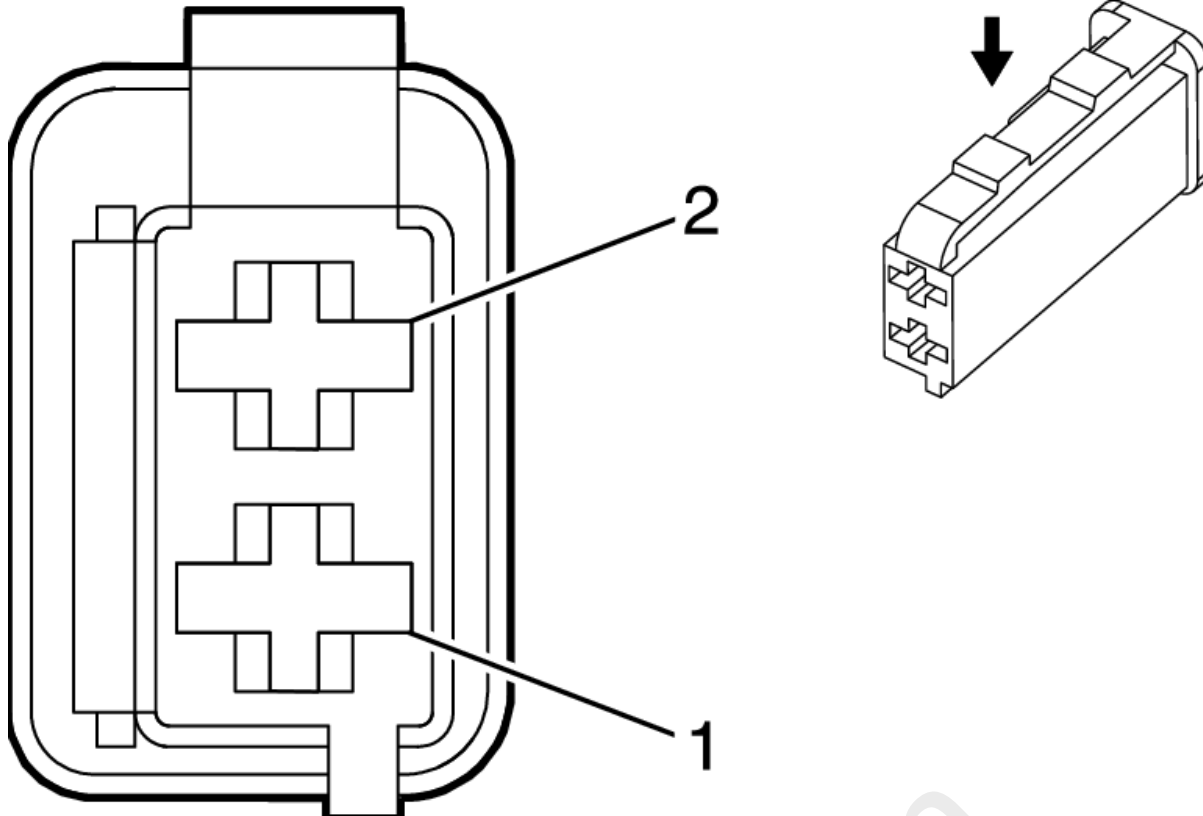
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | No Tool Required      | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                 | Terminal Type ID | Option |
|-----|------|-------|---------|------------------------------------------|------------------|--------|
| 1   | 0.35 | BU    | 518     | Lower Left Air Temperature Sensor Signal | I                | -      |
| 2   | 0.35 | BK/YE | 407     | Sensor Low Reference                     | I                | -      |

#### **B7E AIR TEMPERATURE SENSOR - DUCT RIGHT LOWER**





#### Connector Part Information

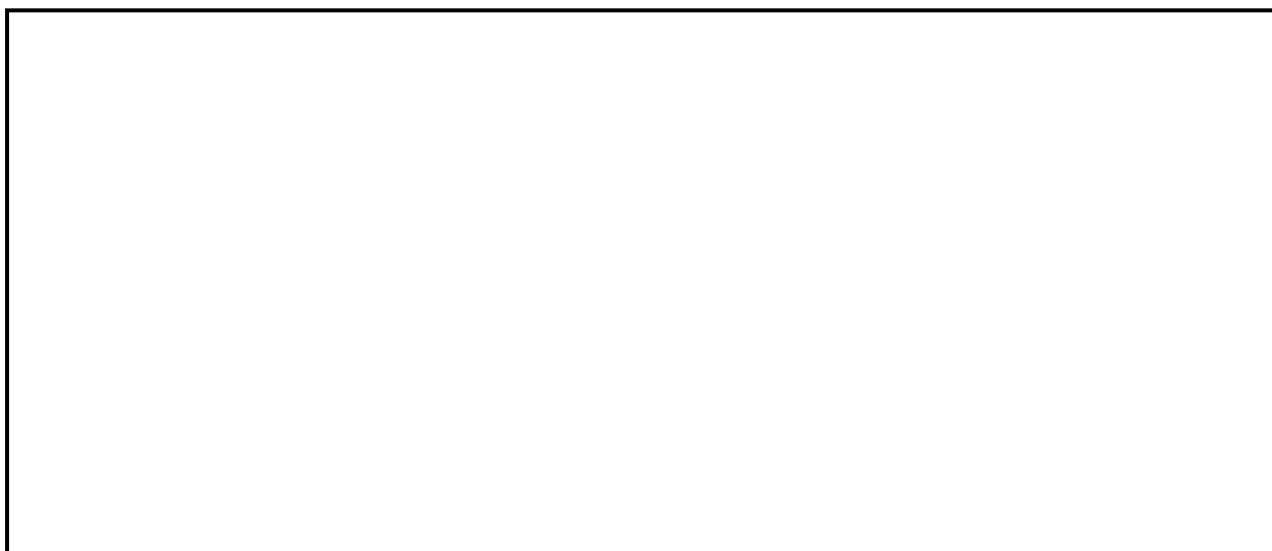
- Harness Type: HVAC
- OEM Connector: 1563189-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | No Tool Required      | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

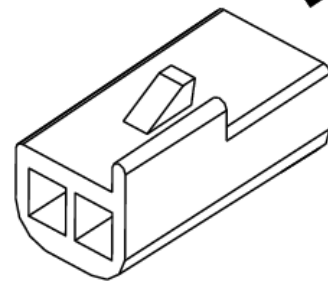
| Pin | Size | Color | Circuit | Function                                  | Terminal Type ID | Option |
|-----|------|-------|---------|-------------------------------------------|------------------|--------|
| 1   | 0.35 | WH/VT | 520     | Lower Right Air Temperature Sensor Signal | I                | -      |
| 2   | 0.35 | BK/YE | 407     | Sensor Low Reference                      | I                | -      |

#### **B7G AIR TEMPERATURE SENSOR - DUCT UPPER AUXILIARY**



A

B



#### Connector Part Information

- Harness Type: HVAC Rear
- OEM Connector: 12047662
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 Metri-Pack Series (BK)

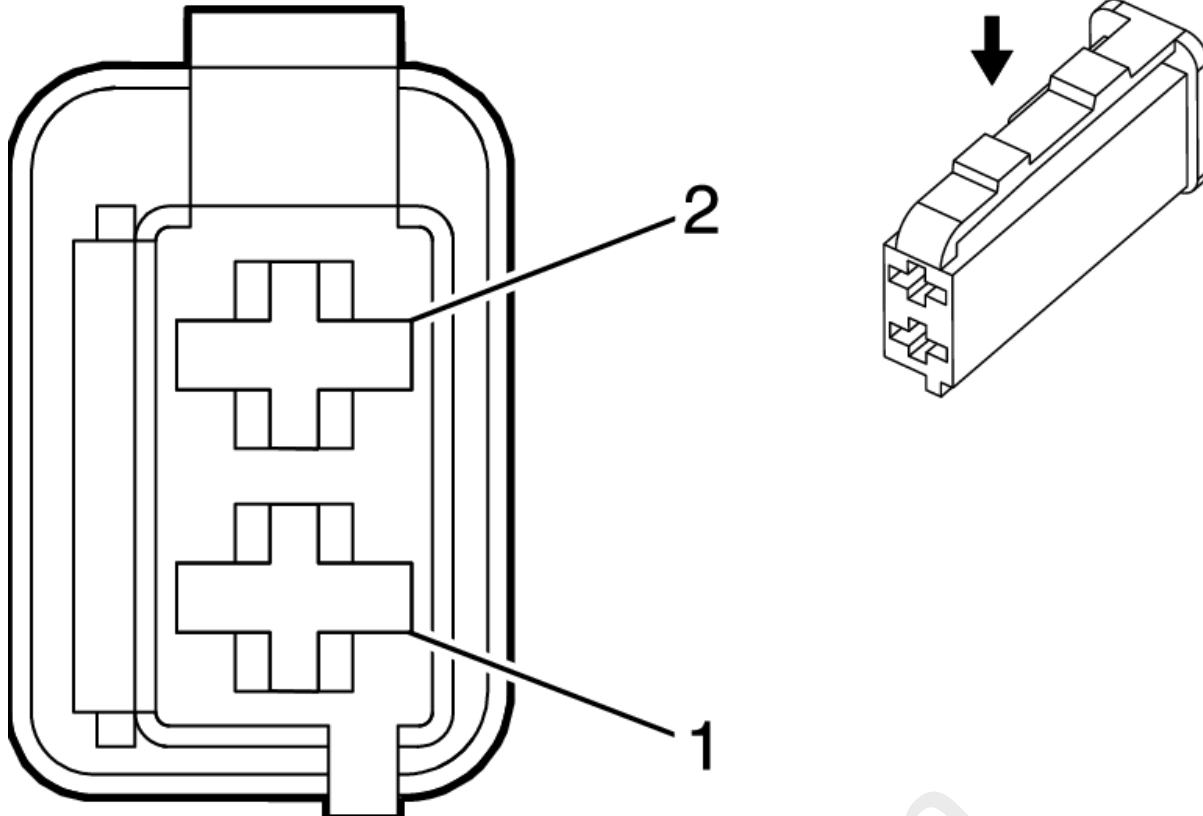
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | Not Available         | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                      | Terminal Type ID | Option |
|-----|------|-------|---------|-----------------------------------------------|------------------|--------|
| A   | 0.35 | BN    | 404     | Upper Air Temperature Sensor Signal           | I                | -      |
| B   | 0.35 | BK/BU | 7566    | Humidity/Windscreen Temp Sensor Low Reference | I                | -      |

#### B7H AIR TEMPERATURE SENSOR - DUCT LEFT UPPER





#### Connector Part Information

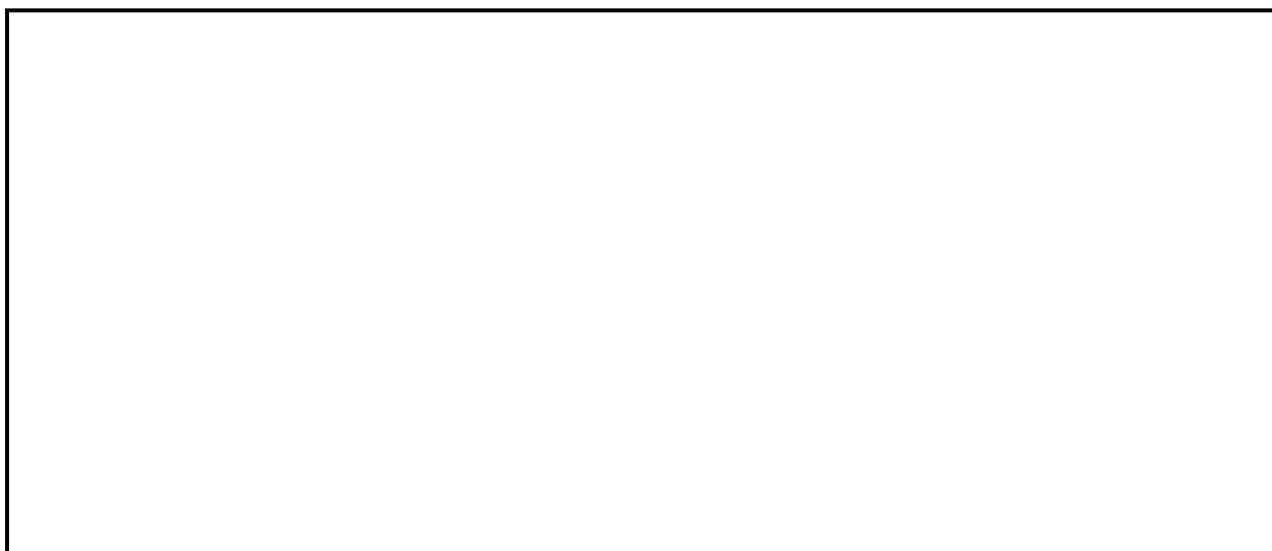
- Harness Type: HVAC
- OEM Connector: 1563189-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

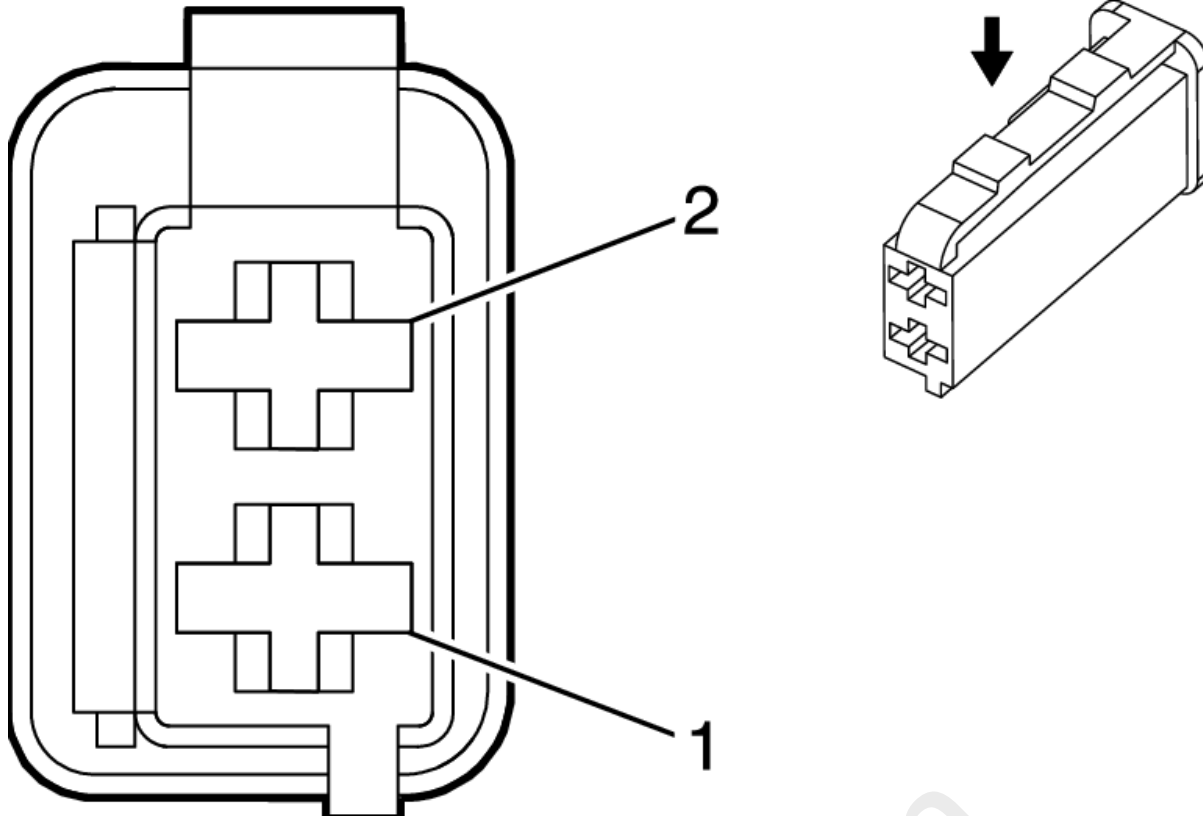
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | No Tool Required      | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                 | Terminal Type ID | Option |
|-----|------|-------|---------|------------------------------------------|------------------|--------|
| 1   | 0.35 | GY/GN | 516     | Upper Left Air Temperature Sensor Signal | I                | -      |
| 2   | 0.35 | BK/YE | 407     | Sensor Low Reference                     | I                | -      |

#### **B7J AIR TEMPERATURE SENSOR - DUCT RIGHT UPPER**





#### Connector Part Information

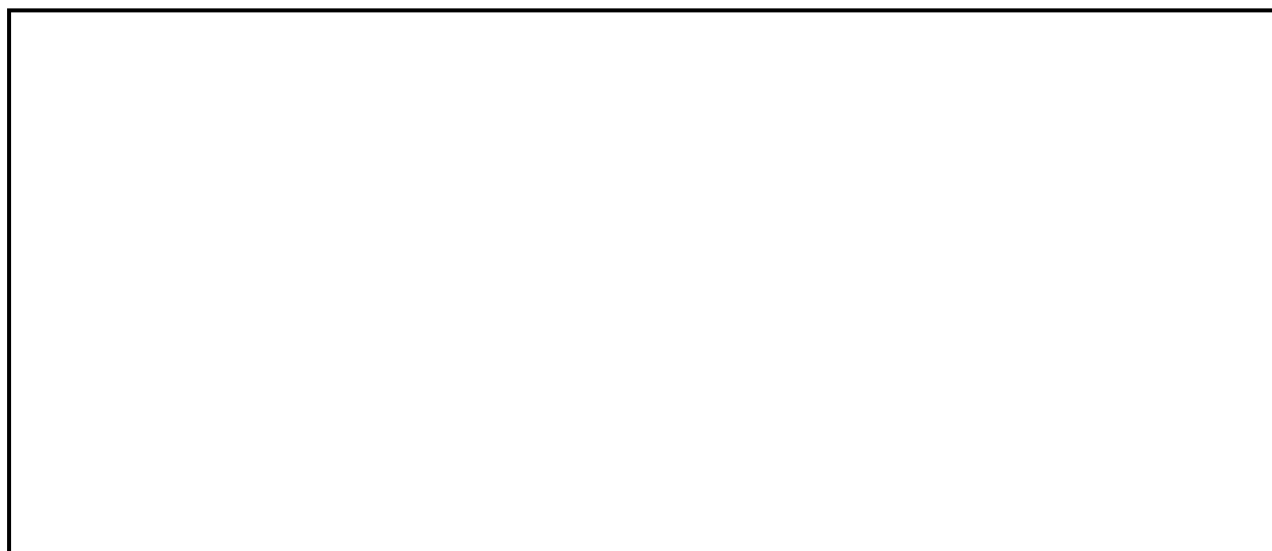
- Harness Type: HVAC
- OEM Connector: 1563189-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

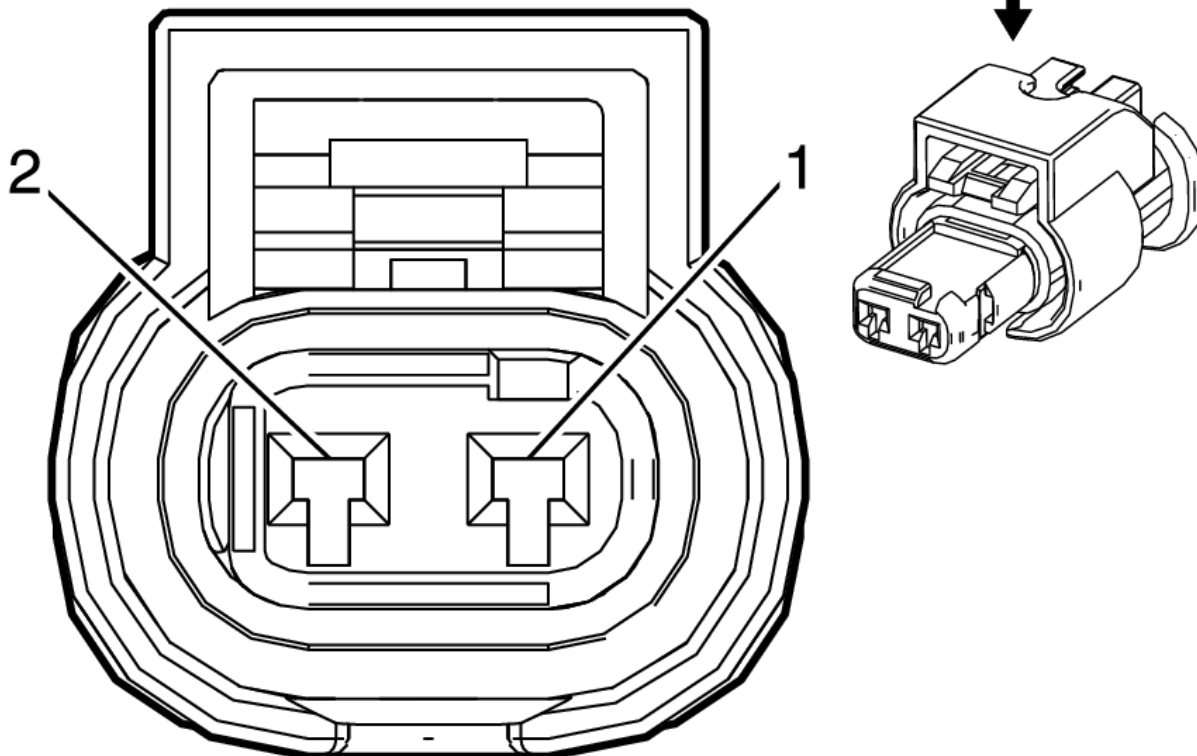
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | No Tool Required      | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                  | Terminal Type ID | Option |
|-----|------|-------|---------|-------------------------------------------|------------------|--------|
| 1   | 0.35 | VT/GY | 517     | Upper Right Air Temperature Sensor Signal | I                | -      |
| 2   | 0.35 | BK/YE | 407     | Sensor Low Reference                      | I                | -      |

#### B9 AMBIENT AIR TEMPERATURE SENSOR





#### Connector Part Information

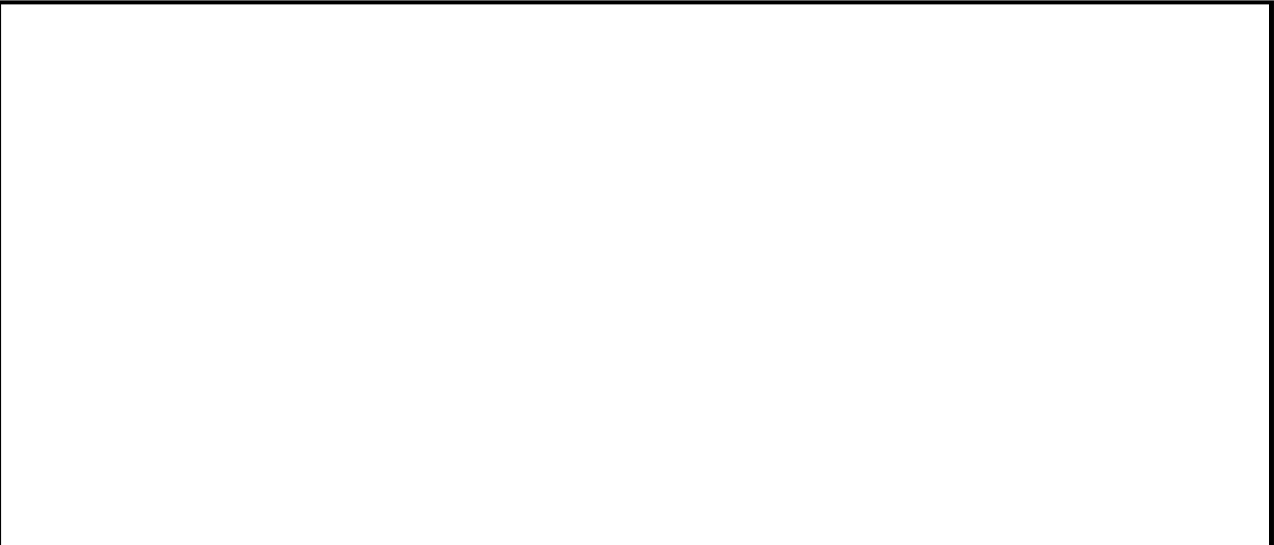
- Harness Type: Front Fascia
- OEM Connector: 13586143
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

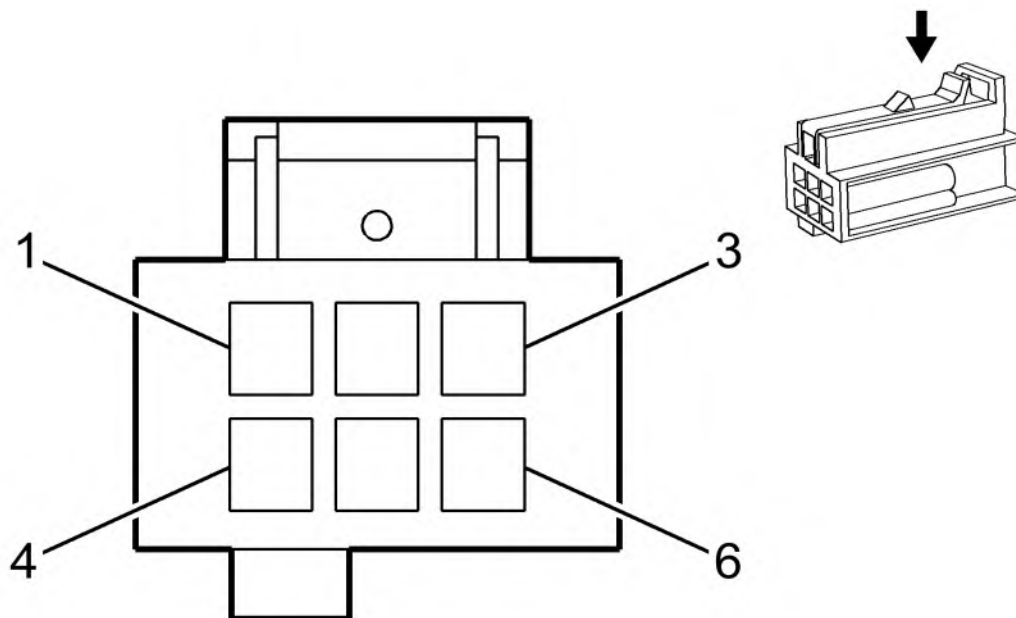
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                         | Terminal Type ID | Option |
|-----|------|-------|---------|--------------------------------------------------|------------------|--------|
| 1   | 0.5  | BU/GY | 636     | Outside Ambient Air Temperature Sensor Signal    | I                | -      |
| 2   | 0.5  | BK/BU | 61      | Outside Ambient Temperature Sensor Low Reference | I                | -      |

#### **B10B AMBIENT LIGHT/SUNLOAD SENSOR**





#### Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13590886
- Service Connector: 19333315
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

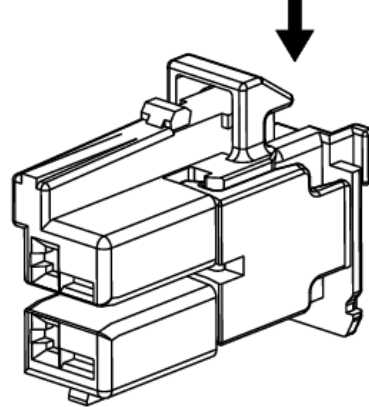
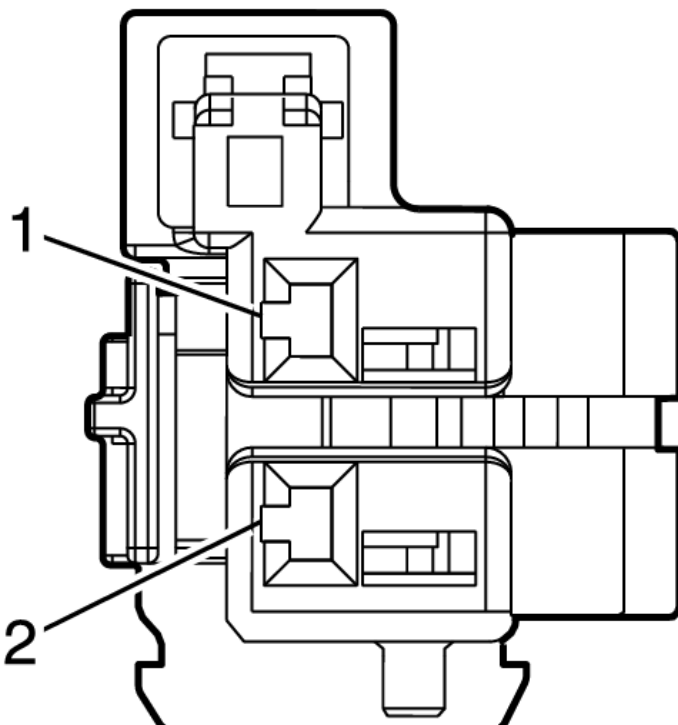
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-64B (LT BU)   | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                             | Terminal Type ID | Option |
|-----|------|-------|---------|--------------------------------------|------------------|--------|
| 1   | 0.35 | GY    | 590     | Solar Sensor Driver Signal           | I                | -      |
| 2   | -    | -     | -       | Not Occupied                         | -                | -      |
| 3   | 0.35 | WH/BU | 278     | Ambient Light Sensor Signal          | I                | -      |
| 4   | 0.35 | BU/WH | 734     | Inside Air Temperature Sensor Signal | I                | -      |
| 5   | 0.35 | GY    | 728     | Security Indicator Control           | I                | -      |
| 6   | 0.35 | BK/GN | 7567    | Solar Sensor Low Reference           | I                | -      |

#### B14A TRANSMISSION OUTPUT SHAFT SPEED SENSOR (M3U)





#### Connector Part Information

- Harness Type: Transmission
- OEM Connector: 2289523-3
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series (GN)

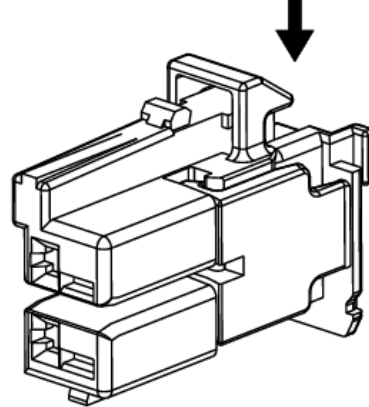
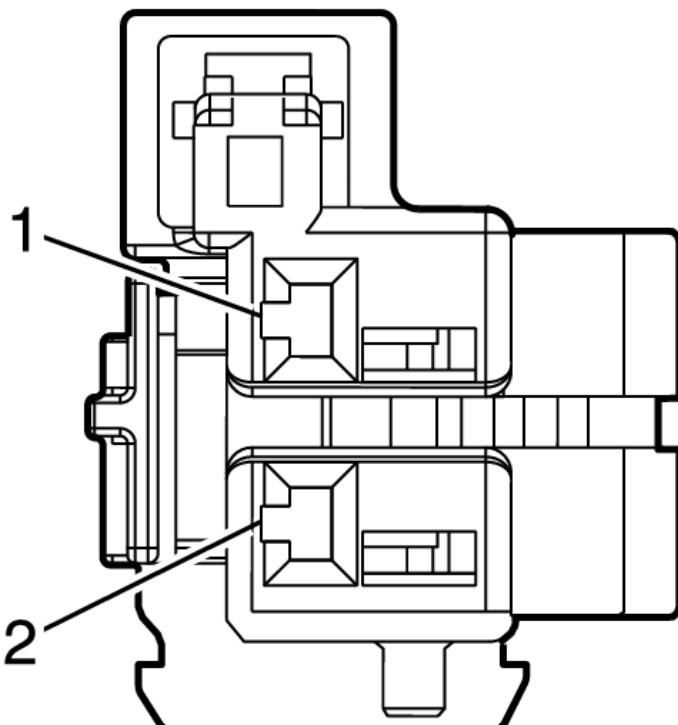
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                       | Terminal Type ID | Option |
|-----|------|-------|---------|------------------------------------------------|------------------|--------|
| 1   | 0.5  | YE/GN | 4171    | Transmission Position Sensor<br>A 9V Reference | I                | -      |
| 2   | 0.5  | GY/BU | 6358    | Output Speed Signal                            | I                | -      |

#### B14A TRANSMISSION OUTPUT SHAFT SPEED SENSOR (M3U/M3W)





#### Connector Part Information

- Harness Type: Transmission
- OEM Connector: 2289523-3
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series (GN)

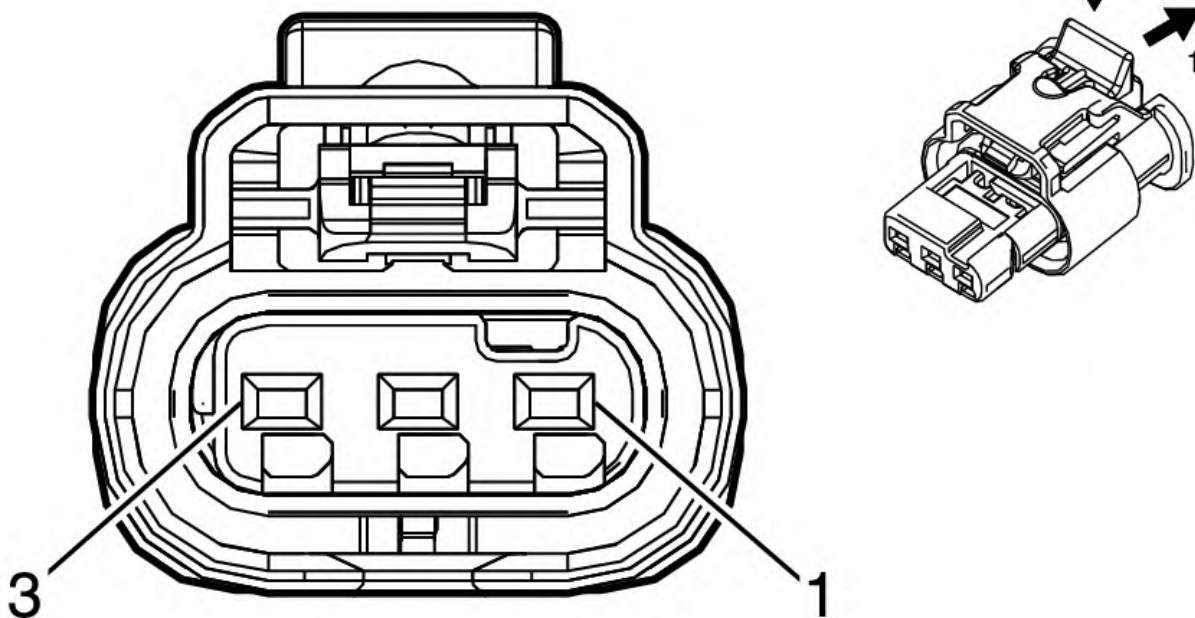
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                       | Terminal Type ID | Option |
|-----|------|-------|---------|------------------------------------------------|------------------|--------|
| 1   | 0.5  | YE/BU | 4171    | Transmission Position Sensor<br>A 9V Reference | I                | -      |
| 2   | 0.5  | GY/BU | 6358    | Output Speed Signal                            | I                | -      |

#### **B14E TRANSMISSION INPUT/INTERMEDIATE SHAFT SPEED SENSOR (LFY)**





### Connector Part Information

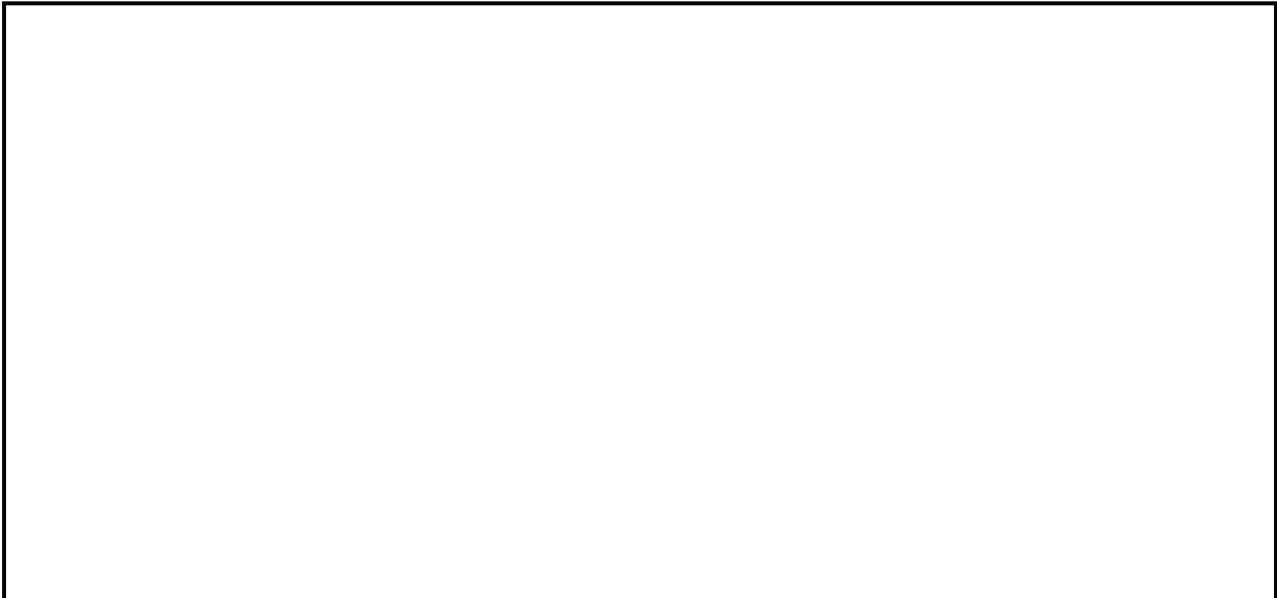
- Harness Type: Engine
- OEM Connector: 4-2272004-1
- Service Connector: 19352065
- Description: 3-Way F 1.2 MCP Series, Sealed (BN)

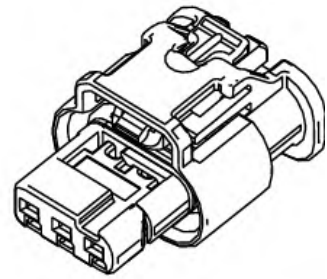
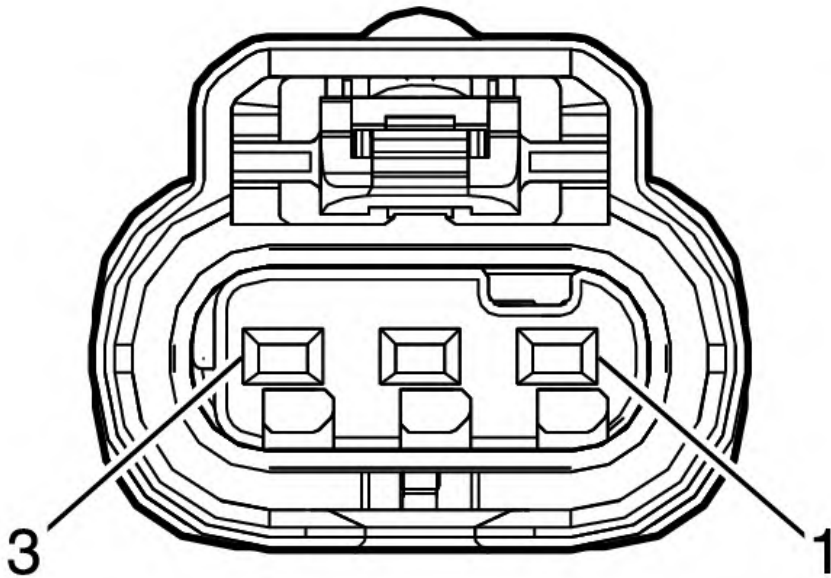
### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                    | Terminal Type ID | Option |
|-----|------|-------|---------|---------------------------------------------|------------------|--------|
| 1   | 0.5  | GN/VT | 4510    | Transmission Intermediate Speed Signal      | I                | -      |
| 2   | 0.5  | YE/GN | 4170    | Transmission Position Sensor B 9V Reference | I                | -      |
| 3   | 0.5  | GN/YE | 6353    | Input Speed Signal                          | I                | -      |

### B14E TRANSMISSION INPUT/INTERMEDIATE SHAFT SPEED SENSOR (LTG)





#### Connector Part Information

- Harness Type: Engine
- OEM Connector: 2098541-5
- Service Connector: 19367741
- Description: 3-Way F 1.2 MCP Series, Sealed (BN)

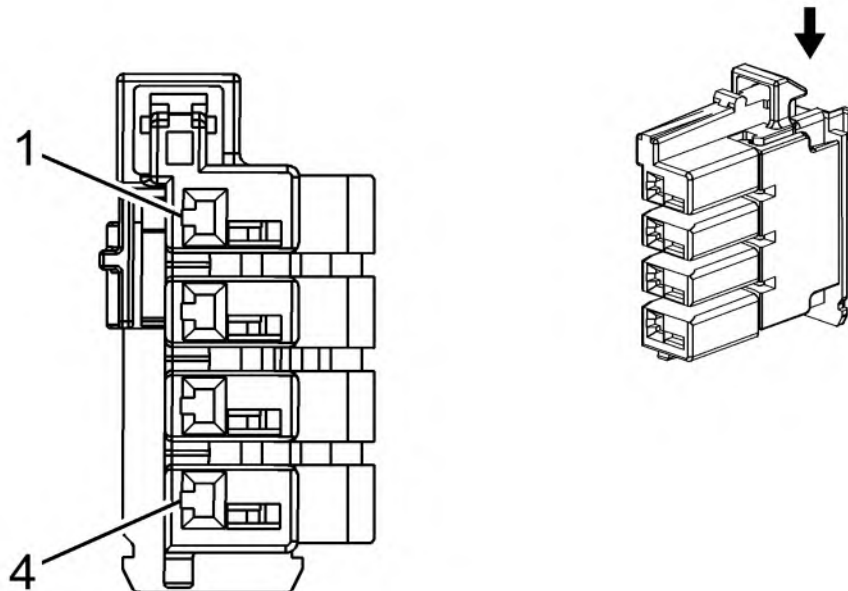
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                    | Terminal Type ID | Option |
|-----|------|-------|---------|---------------------------------------------|------------------|--------|
| 1   | 0.5  | GN/VT | 4510    | Transmission Intermediate Speed Signal      | I                | -      |
| 2   | 0.5  | YE/GN | 4170    | Transmission Position Sensor B 9V Reference | I                | -      |
| 3   | 0.5  | GN/YE | 6353    | Input Speed Signal                          | I                | -      |

#### B15 TRANSMISSION INTERNAL MODE SWITCH (M3U)





#### Connector Part Information

- Harness Type: Transmission
- OEM Connector: 13595457
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 1.2 MCON Series (BN)

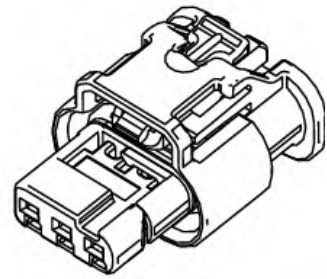
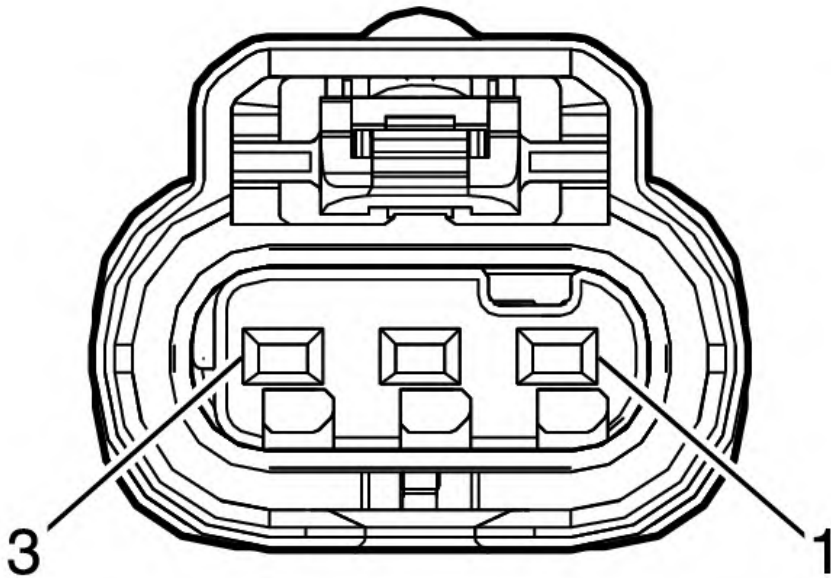
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                 | Terminal Type ID | Option |
|-----|------|-------|---------|------------------------------------------|------------------|--------|
| 1   | 0.5  | YE/BU | 596     | 5V Reference                             | I                | -      |
| 2   | 0.5  | GN/YE | 5724    | Ignition Mode Switch Mode Control        | I                | -      |
| 3   | 0.5  | BK/GY | 3927    | IMS Mode Switch Low Reference            | I                | -      |
| 4   | 0.5  | WH/BK | 5726    | Ignition Mode Switch Mode Control Backup | I                | -      |

#### **B19B BRAKE BOOSTER VACUUM SENSOR**





#### Connector Part Information

- Harness Type: Engine
- OEM Connector: 13577106
- Service Connector: 19330668
- Description: 3-Way F 1.2 MCP Series, Sealed (BK)

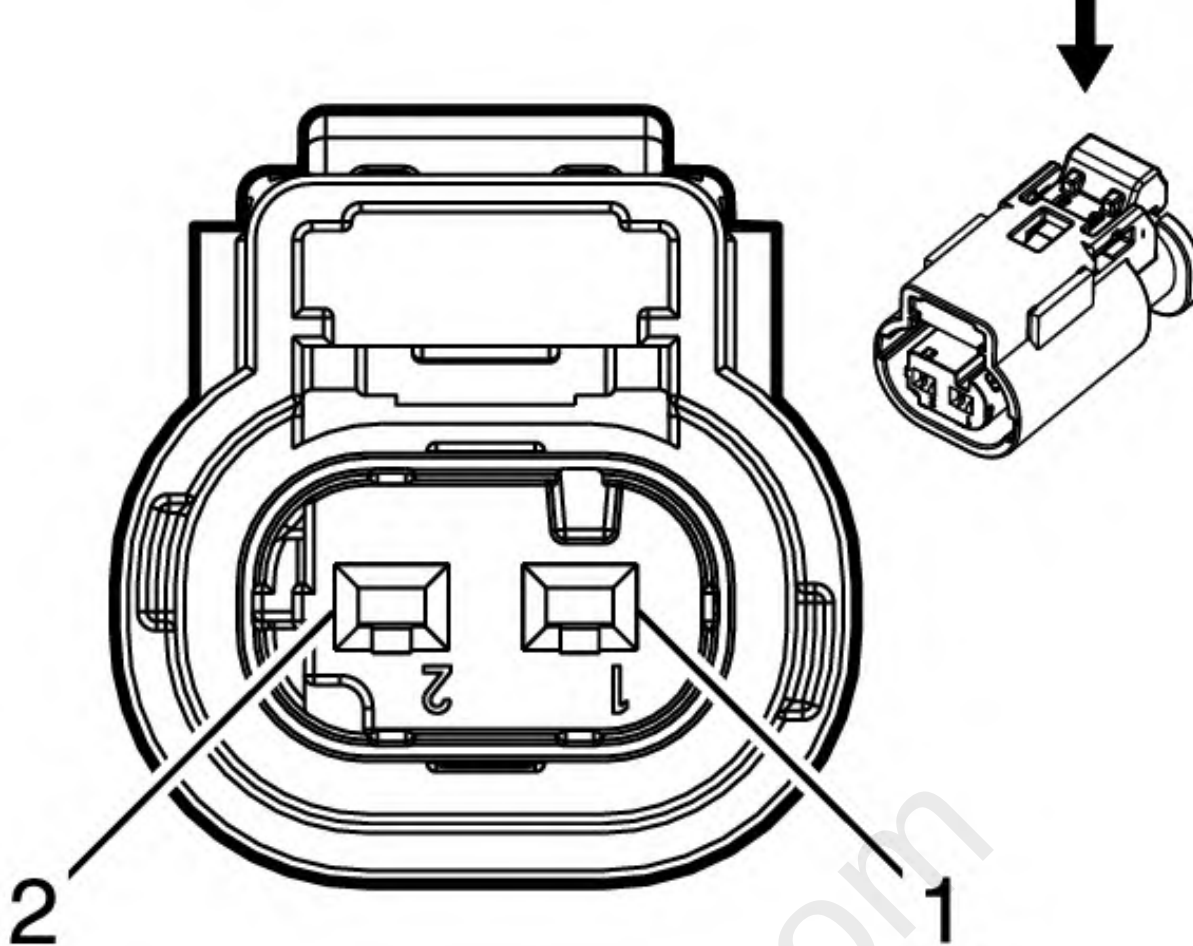
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                          | Terminal Type ID | Option |
|-----|------|-------|---------|-----------------------------------|------------------|--------|
| 1   | 0.5  | YE/VT | 6030    | Brake Vacuum Sensor Signal        | I                | -      |
| 2   | 0.5  | BK/YE | 6032    | Brake Vacuum Sensor Low Reference | I                | -      |
| 3   | 0.5  | YE/RD | 6031    | Brake Vacuum Sensor 5V Reference  | I                | -      |

#### B20 BRAKE FLUID LEVEL SWITCH





#### Connector Part Information

- Harness Type: Body
- OEM Connector: 13503566
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

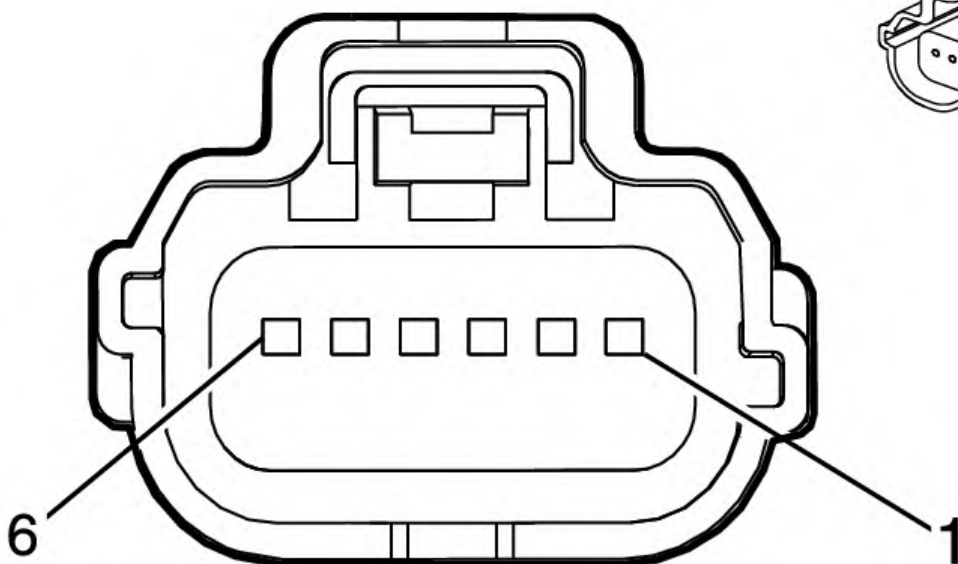
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                        | Terminal Type ID | Option |
|-----|------|-------|---------|---------------------------------|------------------|--------|
| 1   | 0.5  | BK    | 1050    | Ground                          | I                | -      |
| 2   | 0.5  | GN/GY | 333     | Brake Fluid Level Sensor Signal | I                | -      |

#### B22 BRAKE PEDAL POSITION SENSOR





#### Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13584064
- Service Connector: 19304011
- Description: 6-Way F 64 Series, Sealed (WH)

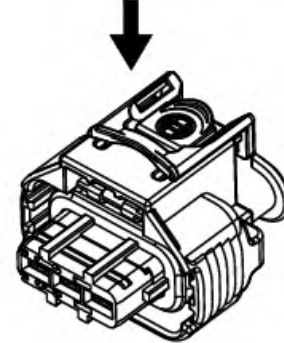
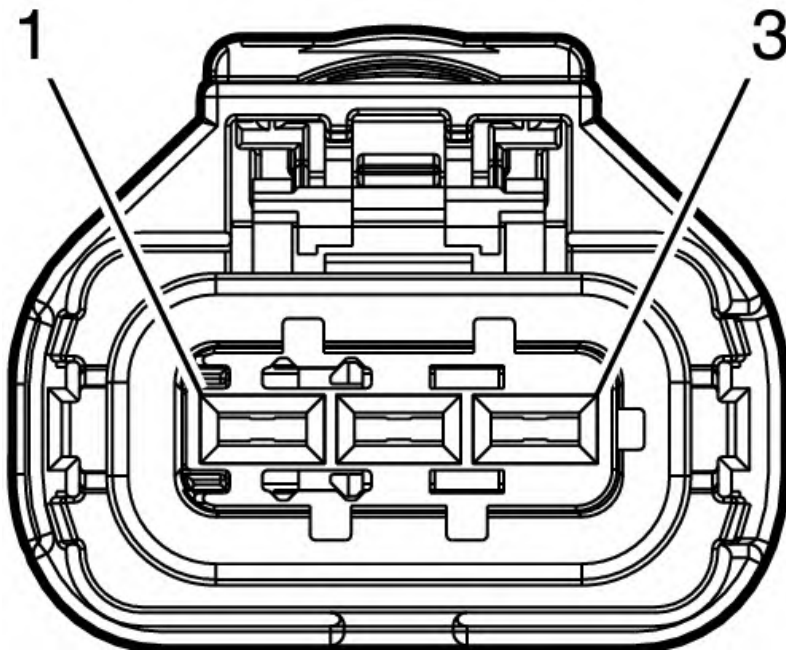
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-64B (LT BU)   | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                            | Terminal Type ID | Option |
|-----|------|-------|---------|-------------------------------------|------------------|--------|
| 1   | 0.5  | BK/BN | 5360    | Brake Apply Sensor Low Reference    | I                | -      |
| 2   | 0.5  | WH    | 5359    | Brake Apply Sensor Control          | I                | -      |
| 3   | 0.5  | BU/YE | 5361    | Brake Apply Sensor Signal           | I                | -      |
| 4   | 0.5  | WH/GN | 5380    | Brake Position Sensor Signal        | I                | -      |
| 5   | 0.5  | BK/YE | 5382    | Brake Position Sensor Low Reference | I                | -      |
| 6   | 0.5  | WH/RD | 5381    | Brake Position Sensor 5V Reference  | I                | -      |

#### B23A CAMSHAFT POSITION SENSOR - BANK 1 EXHAUST (LFY)

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|



#### Connector Part Information

- Harness Type: Engine
- OEM Connector: 13343436
- Service Connector: 13384372
- Description: 3-Way F 2.8 Series, Sealed (BK)

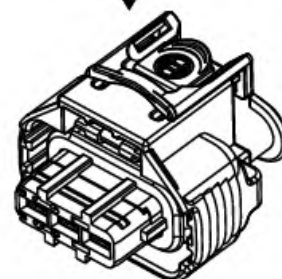
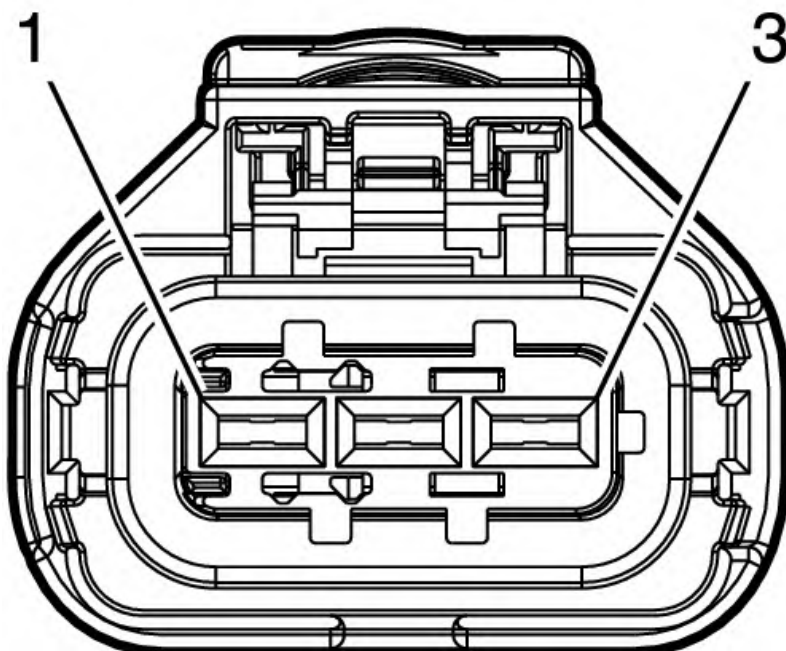
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-35 (VT)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                         | Terminal Type ID | Option |
|-----|------|-------|---------|--------------------------------------------------|------------------|--------|
| 1   | 0.5  | BK/GY | 5296    | Camshaft Position Exhaust Sensor Low Reference 1 | I                | -      |
| 2   | 0.5  | VT/BK | 5273    | Camshaft Position Exhaust Sensor 1               | I                | -      |
| 3   | 0.5  | GY/YE | 5297    | Camshaft Position Exhaust Sensor Control 1       | I                | -      |

#### **B23B CAMSHAFT POSITION SENSOR - BANK 1 INTAKE (LFY)**





#### Connector Part Information

- Harness Type: Engine
- OEM Connector: 1928405718
- Service Connector: 19330817
- Description: 3-Way F 2.8 Series, Sealed (BK)

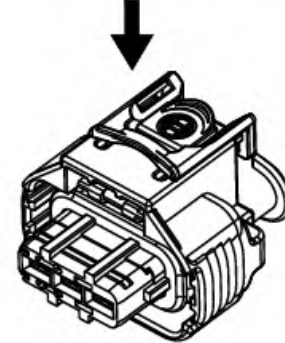
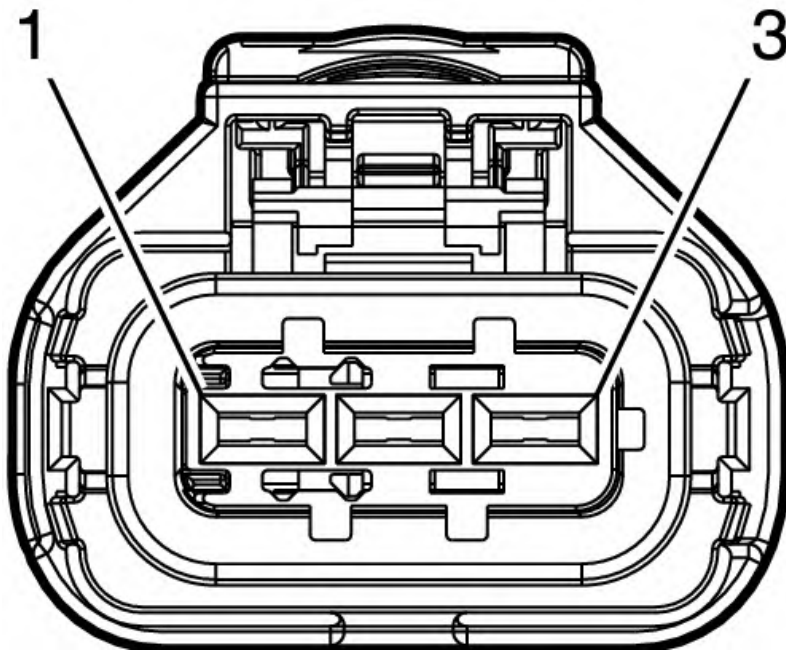
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-35 (VT)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                        | Terminal Type ID | Option |
|-----|------|-------|---------|-------------------------------------------------|------------------|--------|
| 1   | 0.5  | BK/GN | 5301    | Camshaft Position Intake Sensor Low Reference 1 | I                | -      |
| 2   | 0.5  | YE/VT | 5275    | Camshaft Position Intake Sensor 1               | I                | -      |
| 3   | 0.5  | GY/BU | 5300    | Camshaft Position Intake Sensor Control 1       | I                | -      |

#### **B23C CAMSHAFT POSITION SENSOR - BANK 2 EXHAUST (LFY)**





#### Connector Part Information

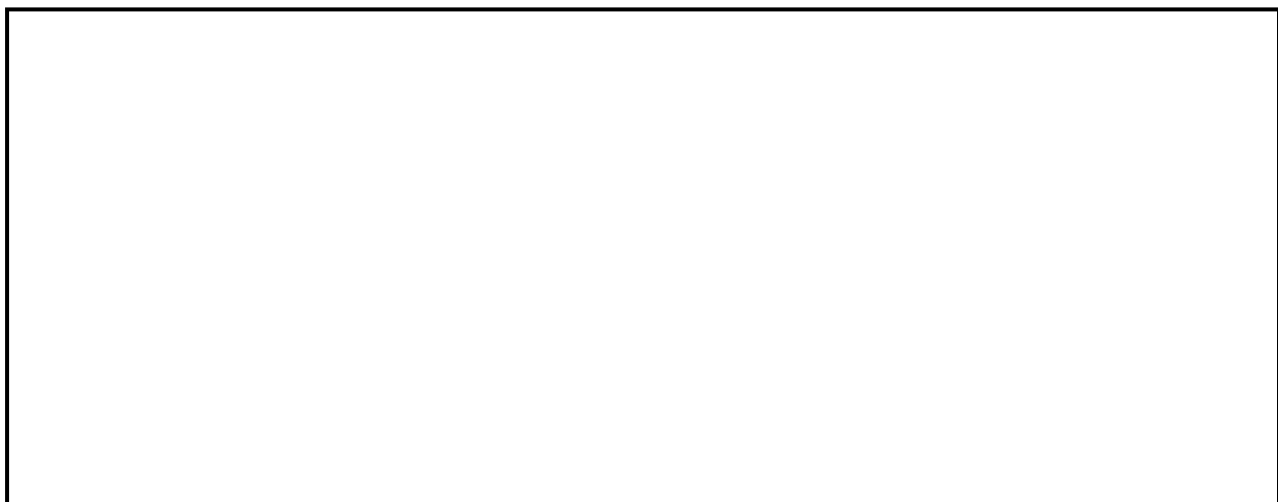
- Harness Type: Engine
- OEM Connector: 13343436
- Service Connector: 13384372
- Description: 3-Way F 2.8 Series, Sealed (BK)

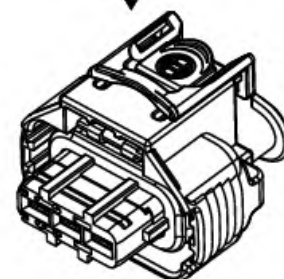
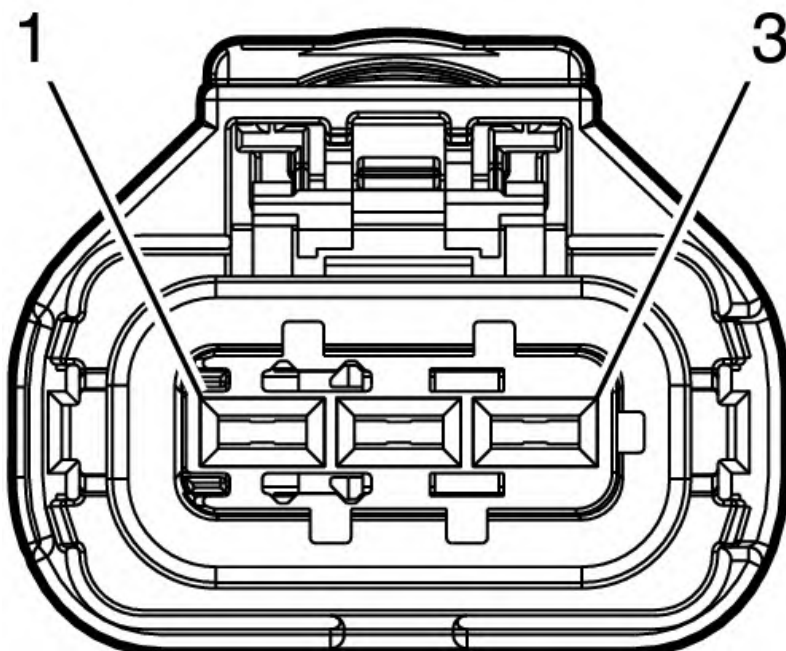
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-35 (VT)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                         | Terminal Type ID | Option |
|-----|------|-------|---------|--------------------------------------------------|------------------|--------|
| 1   | 0.5  | BK/BN | 5299    | Camshaft Position Exhaust Sensor Low Reference 2 | I                | -      |
| 2   | 0.5  | VT/BU | 5274    | Camshaft Position Exhaust Sensor 2               | I                | -      |
| 3   | 0.5  | GN/BN | 5298    | Camshaft Position Exhaust Sensor Control 2       | I                | -      |

#### B23D CAMSHAFT POSITION SENSOR - BANK 2 INTAKE (LFY)





#### Connector Part Information

- Harness Type: Engine
- OEM Connector: 13343436
- Service Connector: 13384372
- Description: 3-Way F 2.8 Series, Sealed (BK)

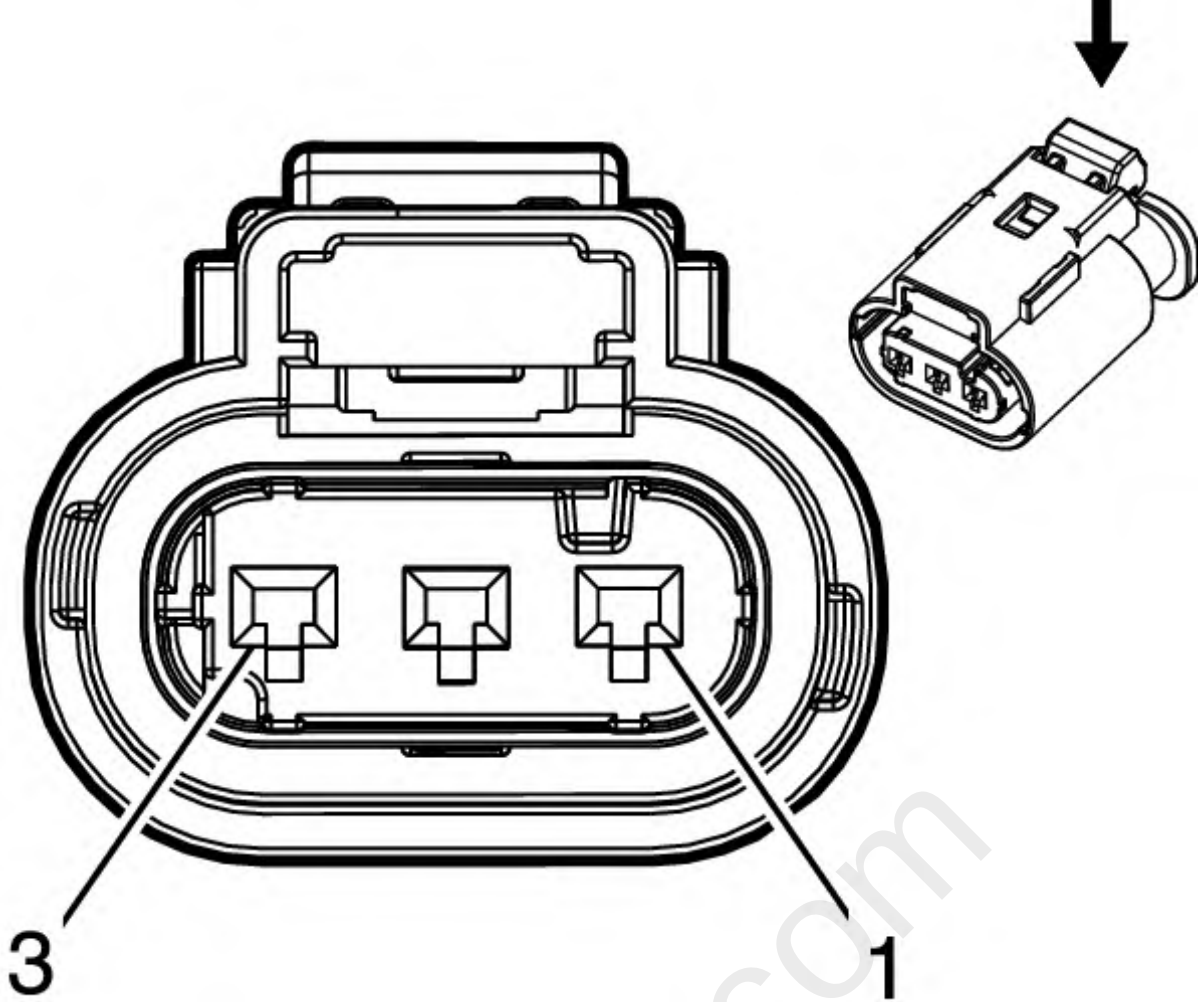
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-35 (VT)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                        | Terminal Type ID | Option |
|-----|------|-------|---------|-------------------------------------------------|------------------|--------|
| 1   | 0.5  | BK/VT | 5303    | Camshaft Position Intake Sensor Low Reference 2 | I                | -      |
| 2   | 0.5  | YE    | 5276    | Camshaft Position Intake Sensor 2               | I                | -      |
| 3   | 0.5  | WH/BU | 5302    | Camshaft Position Intake Sensor Control 2       | I                | -      |

#### B23E CAMSHAFT POSITION SENSOR - EXHAUST (LTG)





#### Connector Part Information

- Harness Type: Engine
- OEM Connector: 13503570
- Service Connector: 19299690
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

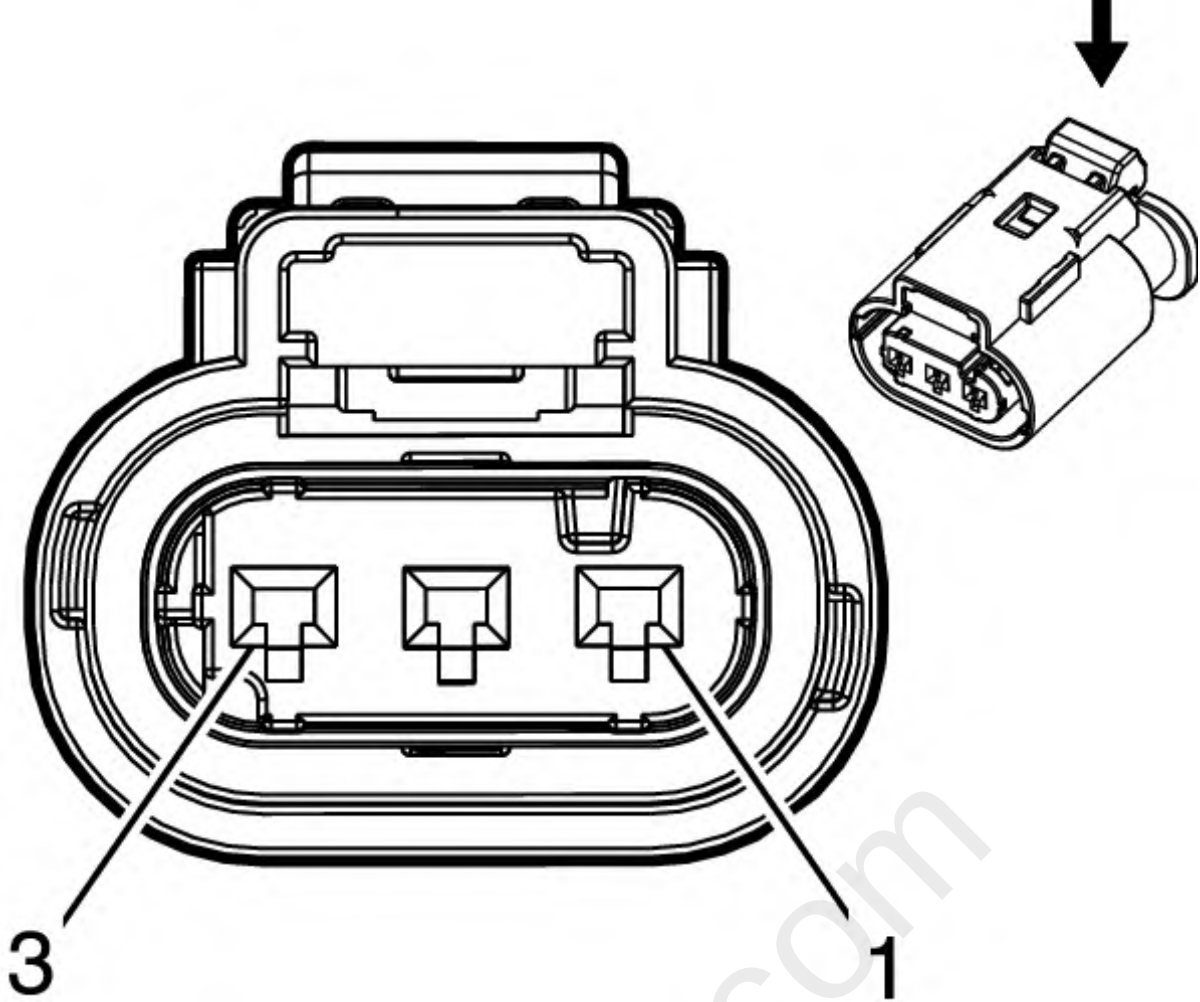
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                         | Terminal Type ID | Option |
|-----|------|-------|---------|--------------------------------------------------|------------------|--------|
| 1   | 0.5  | GY/YE | 5297    | Camshaft Position Exhaust Sensor Control 1       | I                | -      |
| 2   | 0.5  | BK/GY | 5296    | Camshaft Position Exhaust Sensor Low Reference 1 | I                | -      |
| 3   | 0.5  | VT/BK | 5273    | Camshaft Position Exhaust Sensor 1               | I                | -      |

#### B23F CAMSHAFT POSITION SENSOR - INTAKE (LTG)





#### Connector Part Information

- Harness Type: Engine
- OEM Connector: 10010341
- Service Connector: 19299690
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

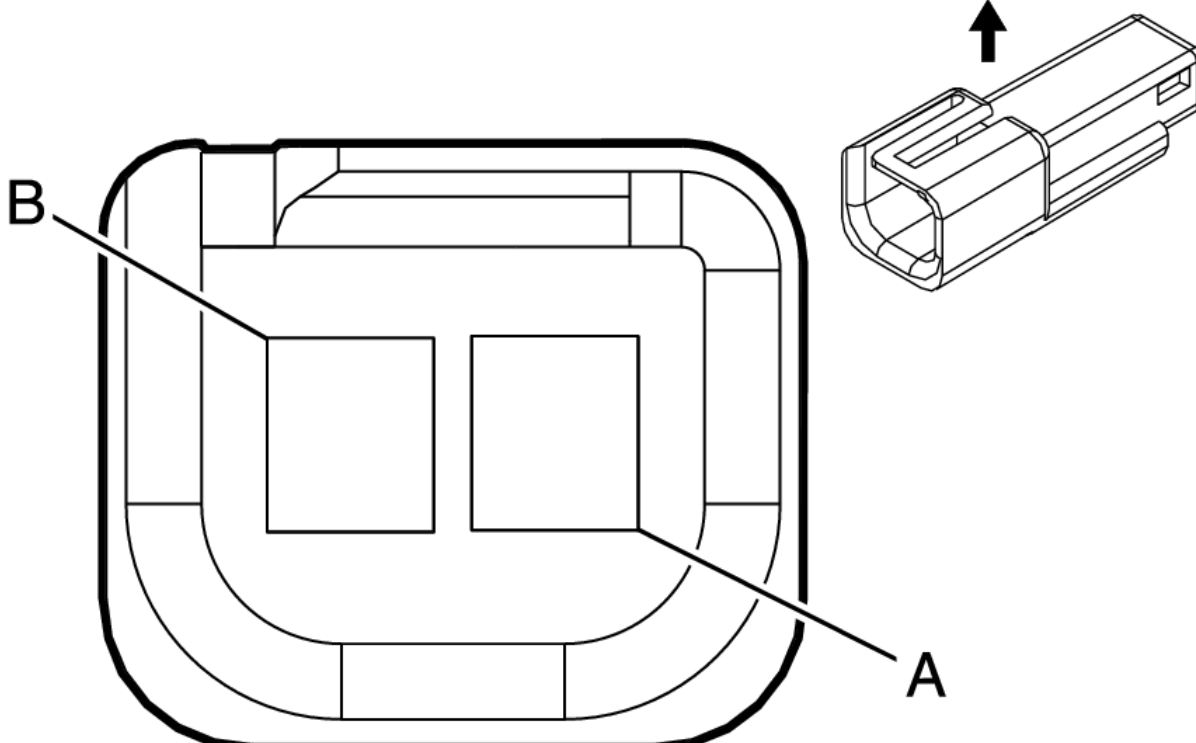
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                        | Terminal Type ID | Option |
|-----|------|-------|---------|-------------------------------------------------|------------------|--------|
| 1   | 0.5  | GY/BU | 5300    | Camshaft Position Intake Sensor Control 1       | I                | -      |
| 2   | 0.5  | BK/GN | 5301    | Camshaft Position Intake Sensor Low Reference 1 | I                | -      |
| 3   | 0.5  | YE/VT | 5275    | Camshaft Position Intake Sensor 1               | I                | -      |

#### B24 MOBILE TELEPHONE MICROPHONE

|  |
|--|
|  |
|--|



#### Connector Part Information

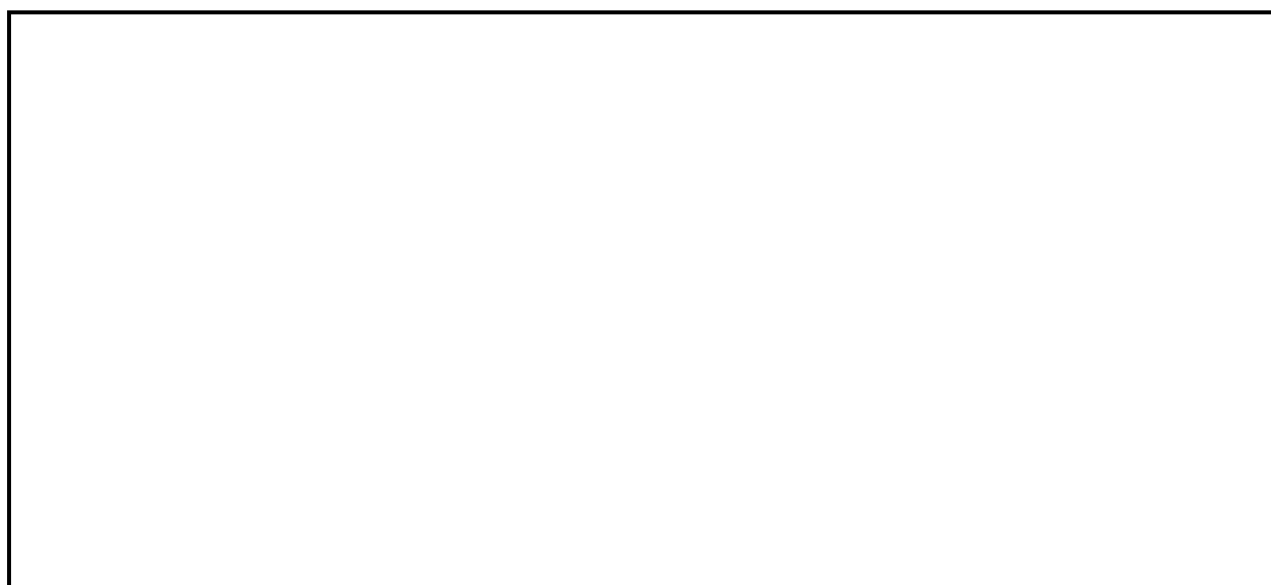
- Harness Type: Headliner
- OEM Connector: 12047663
- Service Connector: 13584278
- Description: 2-Way M 150 Metri-Pack Series (BK)

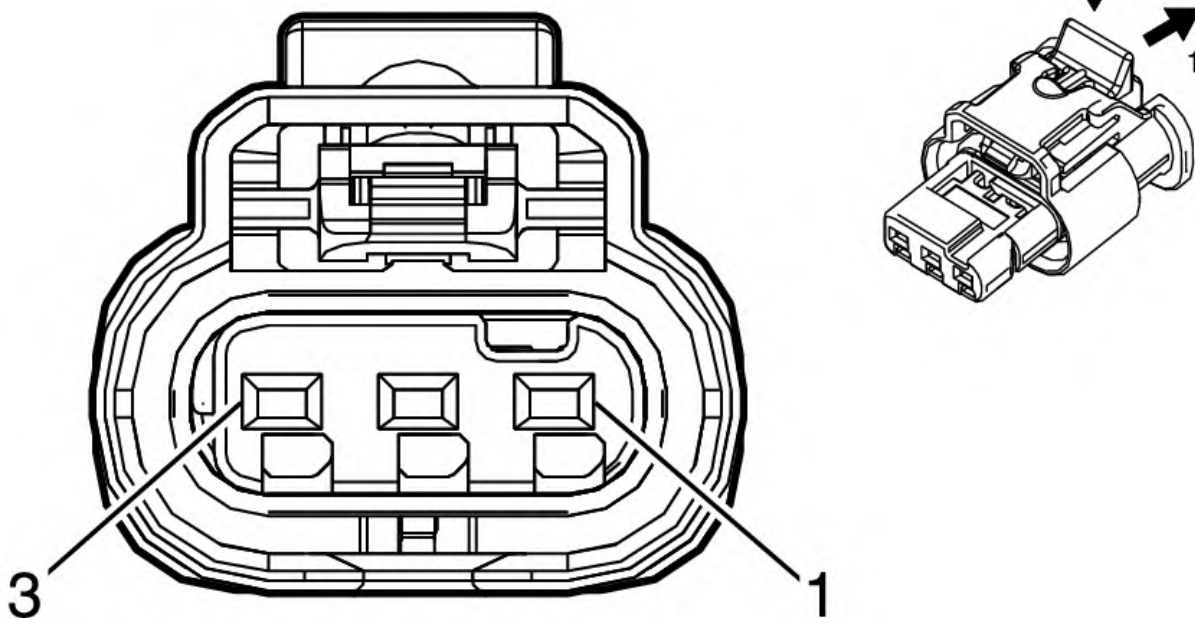
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-3 (GY)        | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                    | Terminal Type ID | Option |
|-----|------|-------|---------|---------------------------------------------|------------------|--------|
| A   | 0.35 | BK/BN | 654     | Cellular Telephone Microphone Low Reference | I                | -      |
| B   | 0.35 | BU    | 655     | Cellular Telephone Microphone Signal        | I                | -      |

#### B26 CRANKSHAFT POSITION SENSOR (LFY)





### Connector Part Information

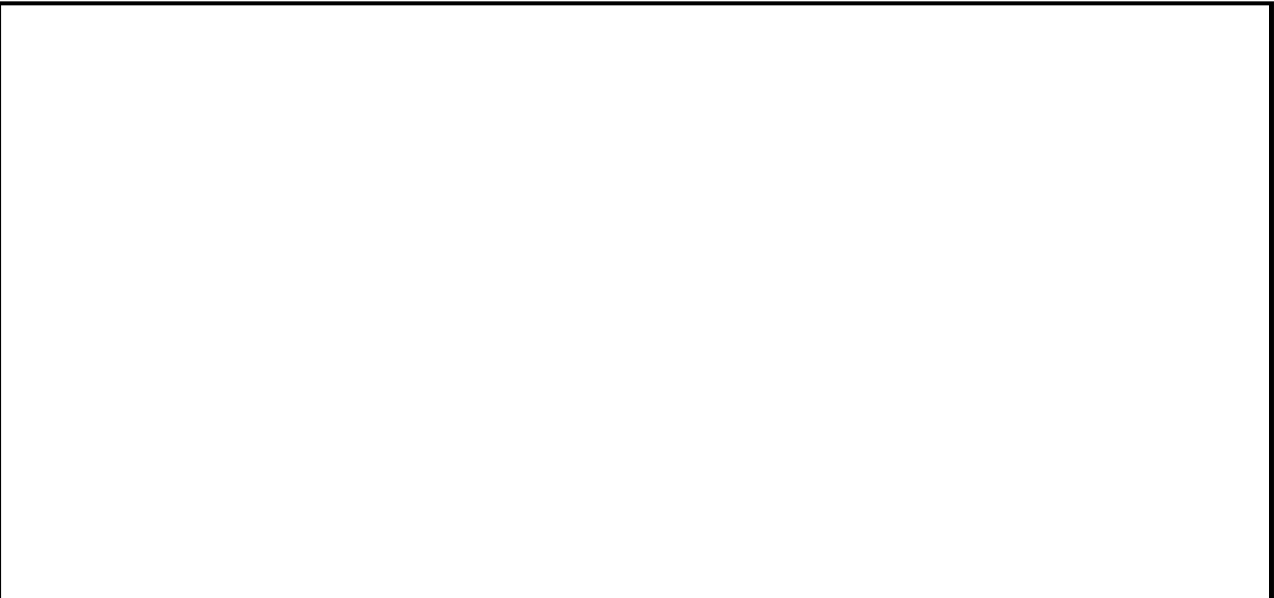
- Harness Type: Engine
- OEM Connector: 4-2272004-1
- Service Connector: 19352065
- Description: 3-Way F 1.2 MCP Series, Sealed (BN)

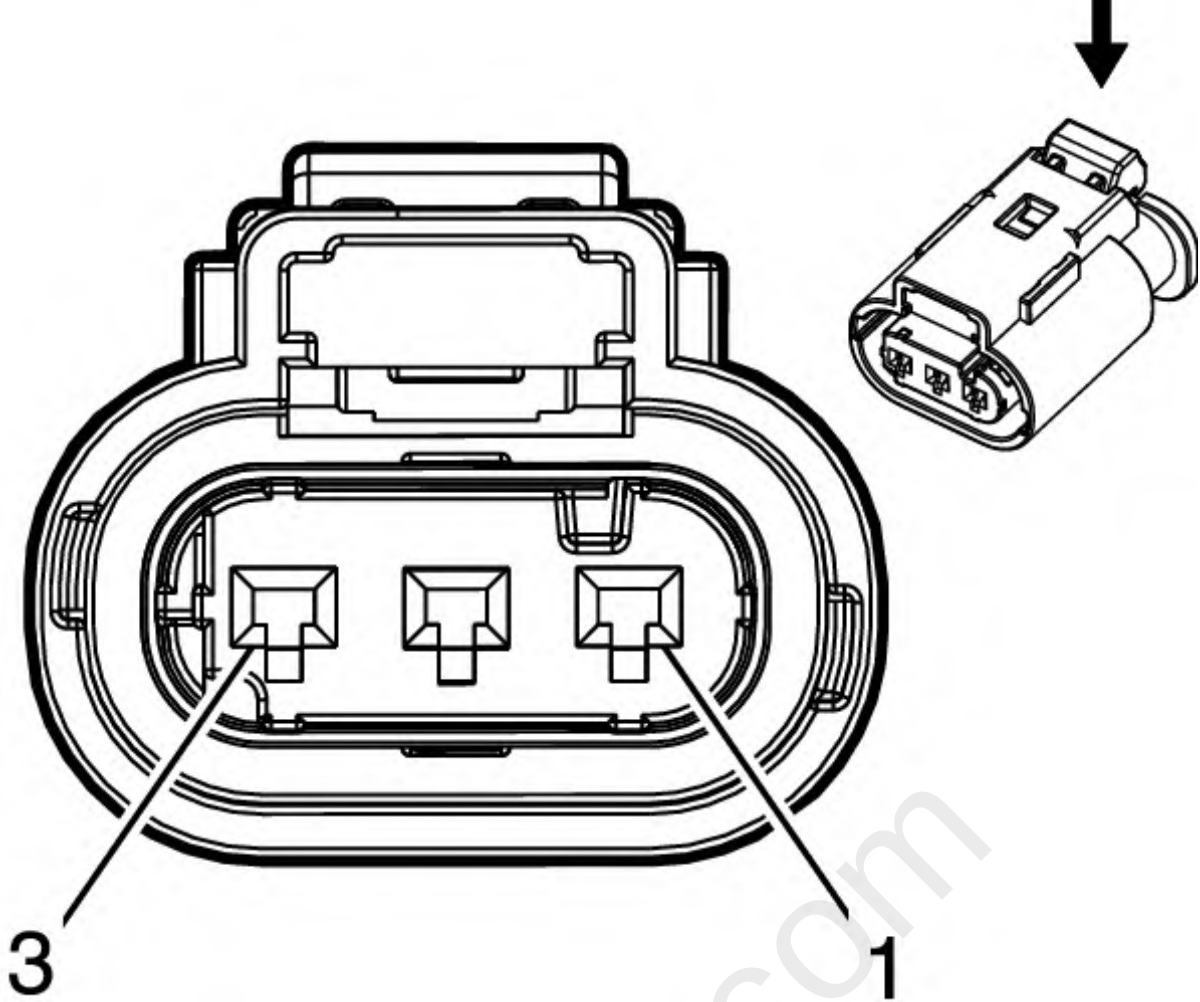
### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                            | Terminal Type ID | Option |
|-----|------|-------|---------|-------------------------------------|------------------|--------|
| 1   | 0.5  | VT/BU | 6270    | Crankshaft 60X Sensor 5V Reference  | I                | -      |
| 2   | 0.5  | BK/VT | 6272    | Crankshaft 60X Sensor Low Reference | I                | -      |
| 3   | 0.5  | GN    | 6271    | Crankshaft 60X Sensor Signal        | I                | -      |

### B26 CRANKSHAFT POSITION SENSOR (LTG)





#### Connector Part Information

- Harness Type: Engine
- OEM Connector: 10010341
- Service Connector: 19299690
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

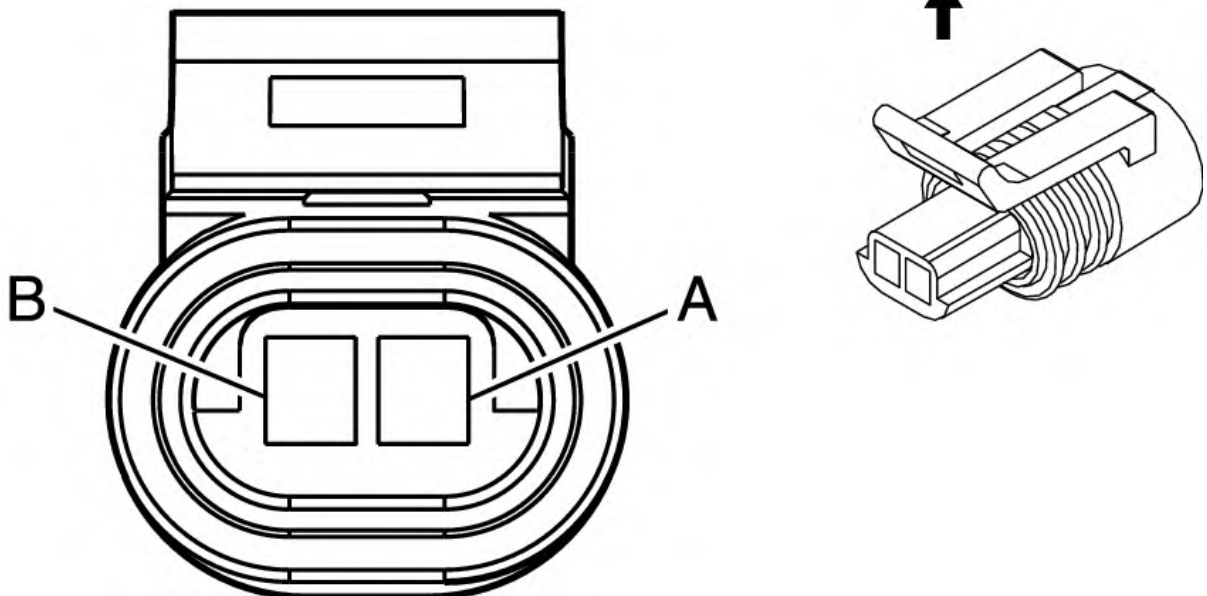
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                            | Terminal Type ID | Option |
|-----|------|-------|---------|-------------------------------------|------------------|--------|
| 1   | 0.5  | VT/BU | 6270    | Crankshaft 60X Sensor 5V Reference  | I                | -      |
| 2   | 0.5  | BK/VT | 6272    | Crankshaft 60X Sensor Low Reference | I                | -      |
| 3   | 0.5  | GN    | 6271    | Crankshaft 60X Sensor Signal        | I                | -      |

#### B34 ENGINE COOLANT TEMPERATURE SENSOR (LFY)





Connector Part Information

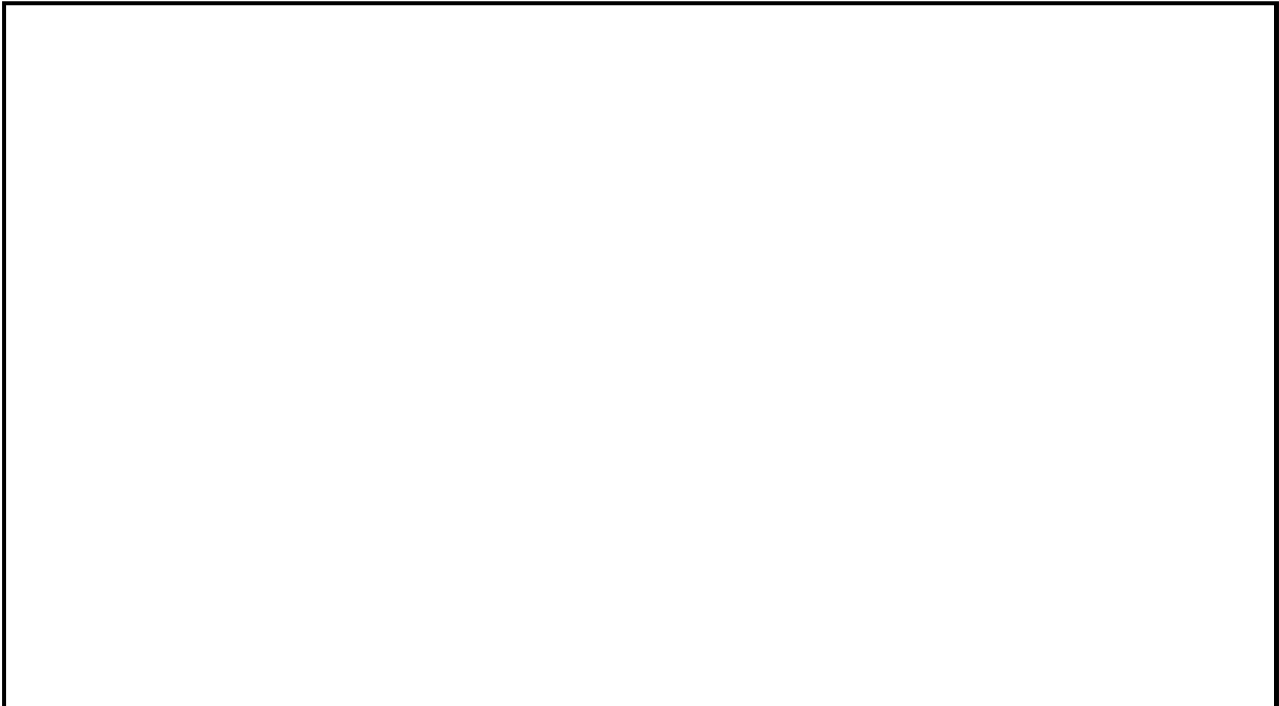
- Harness Type: Engine
- OEM Connector: 19152934
- Service Connector: 13585857
- Description: 2-Way F 150.2 Metri-Pack Series, Sealed (GY)

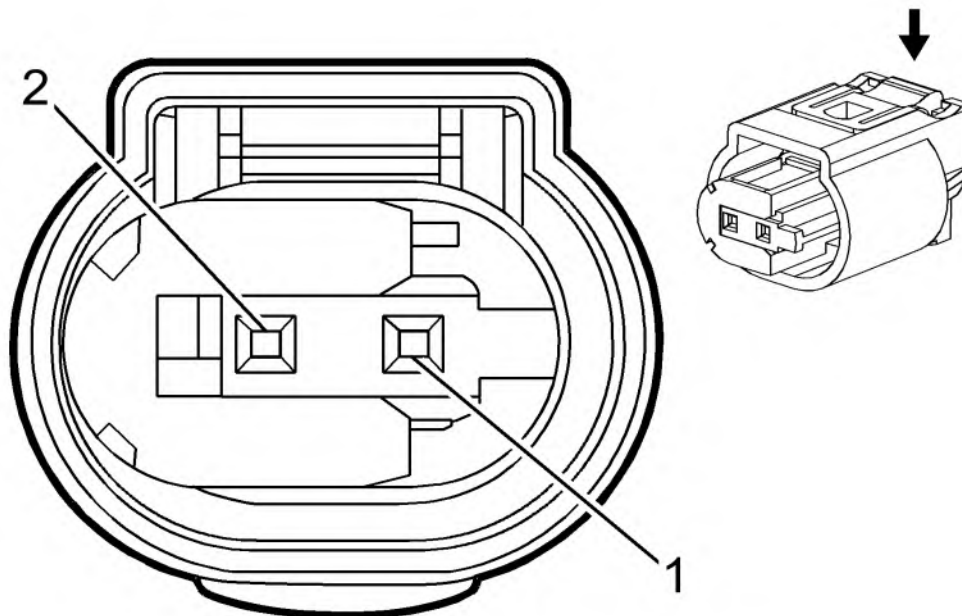
Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-14 (GN)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                 | Terminal Type ID | Option |
|-----|------|-------|---------|------------------------------------------|------------------|--------|
| A   | 0.5  | BK/BN | 2761    | Coolant Temperature Sensor Low Reference | I                | -      |
| B   | 0.5  | BU    | 410     | Engine Coolant Temperature Sensor Signal | I                | -      |

B34 ENGINE COOLANT TEMPERATURE SENSOR (LTG)





#### Connector Part Information

- Harness Type: Engine
- OEM Connector: 24461693
- Service Connector: 13576533
- Description: 2-Way F 0.64 Micro-Quadlock Series, Sealed (BK)

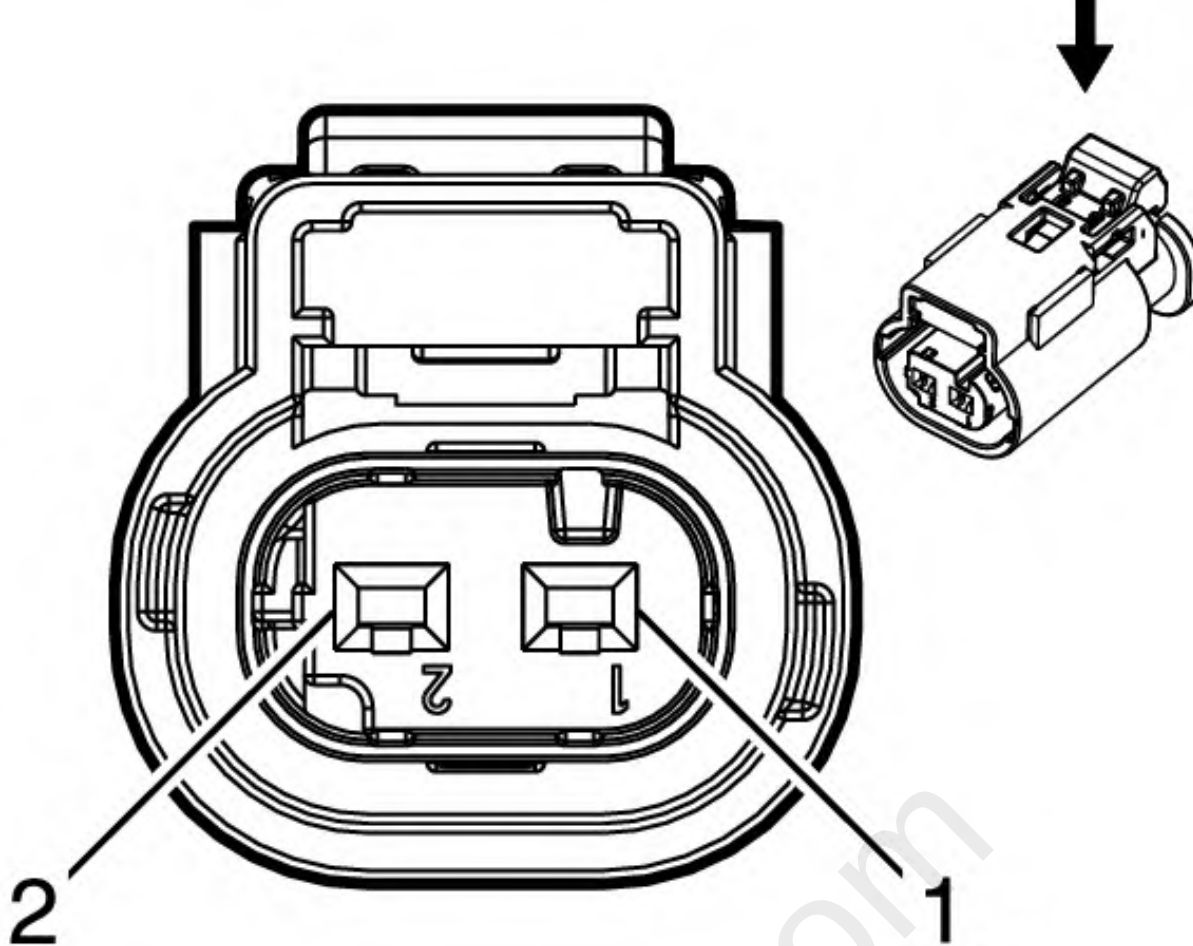
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-64B (LT BU)   | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                 | Terminal Type ID | Option |
|-----|------|-------|---------|------------------------------------------|------------------|--------|
| 1   | 0.5  | BU    | 410     | Engine Coolant Temperature Sensor Signal | I                | -      |
| 2   | 0.5  | BK/BN | 2761    | Coolant Temperature Sensor Low Reference | I                | LTG    |

#### B35 ENGINE OIL LEVEL SWITCH (LFY)





#### Connector Part Information

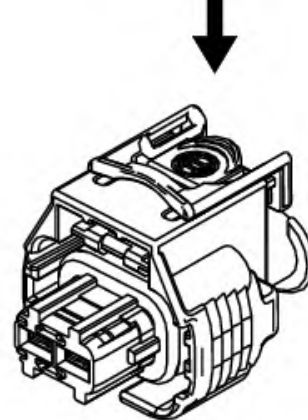
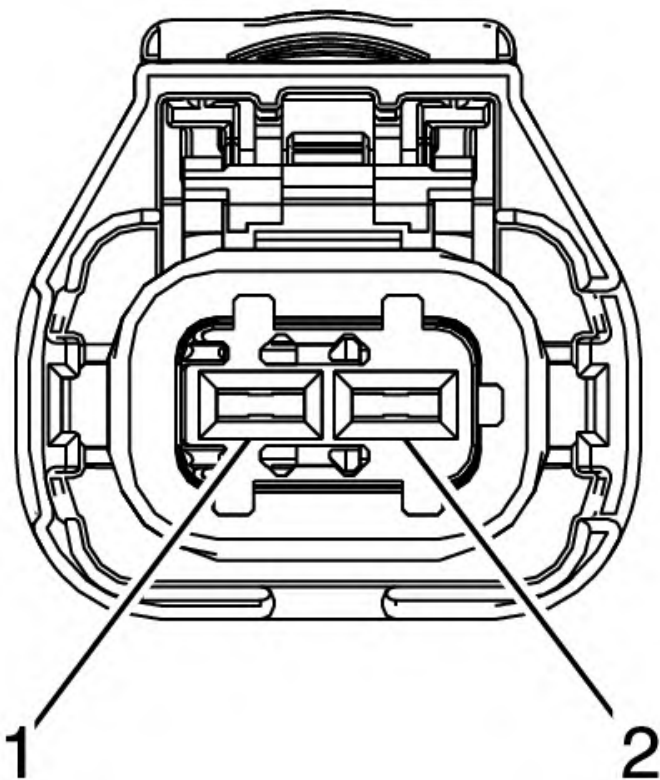
- Harness Type: Engine
- OEM Connector: 10010337
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                | Terminal Type ID | Option |
|-----|------|-------|---------|-------------------------|------------------|--------|
| 1   | 0.5  | BK    | 650     | Ground                  | I                | -      |
| 2   | 0.5  | BN/GN | 1174    | Oil Level Switch Signal | I                | -      |

#### B35 ENGINE OIL LEVEL SWITCH (LTG)



#### Connector Part Information

- Harness Type: Engine
- OEM Connector: 1928405714
- Service Connector: 13384371
- Description: 2-Way F 2.8 Series, Sealed (BK)

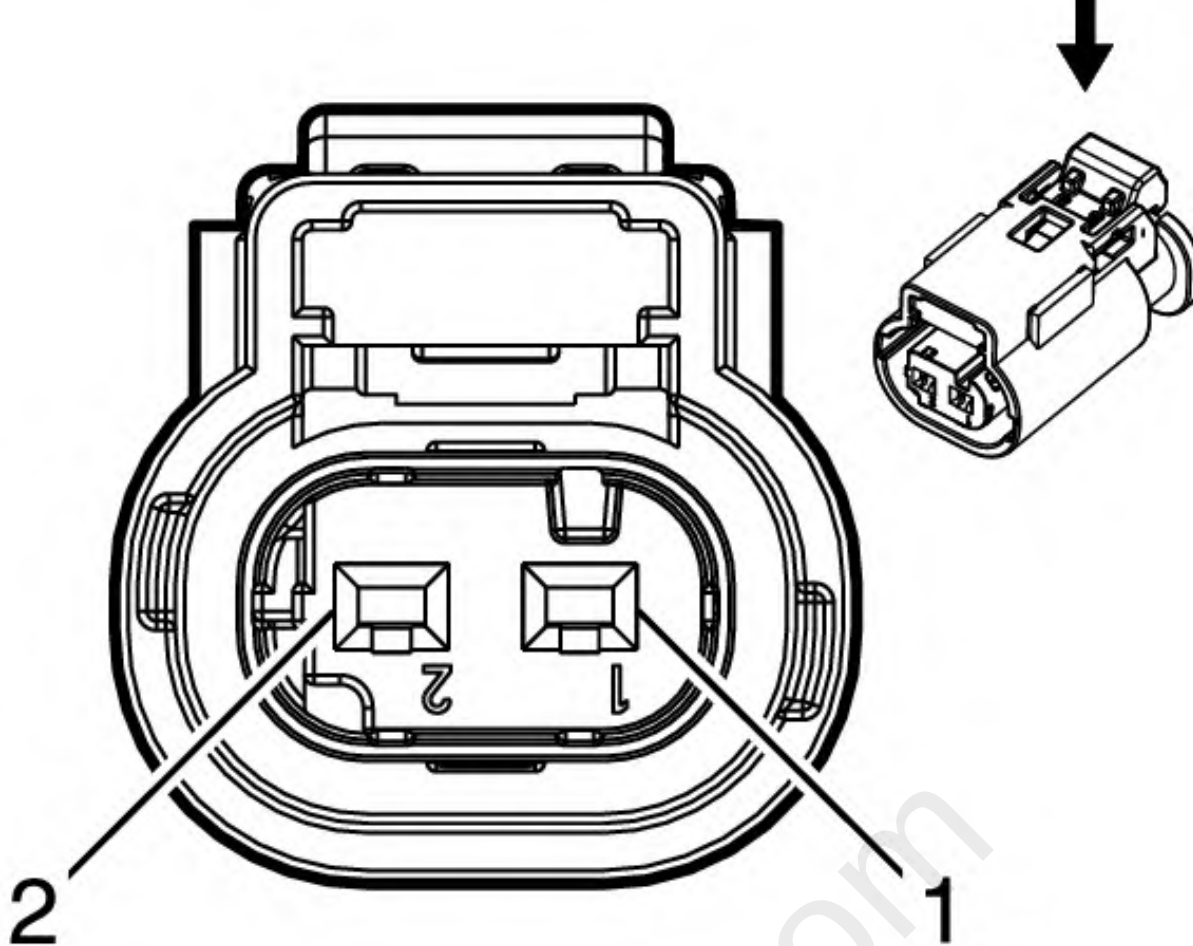
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-35 (VT)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                | Terminal Type ID | Option |
|-----|------|-------|---------|-------------------------|------------------|--------|
| 1   | 0.5  | BK    | 550     | Ground                  | I                | -      |
| 2   | 0.5  | BN/GN | 1174    | Oil Level Switch Signal | I                | -      |

### B37 ENGINE OIL PRESSURE SWITCH





#### Connector Part Information

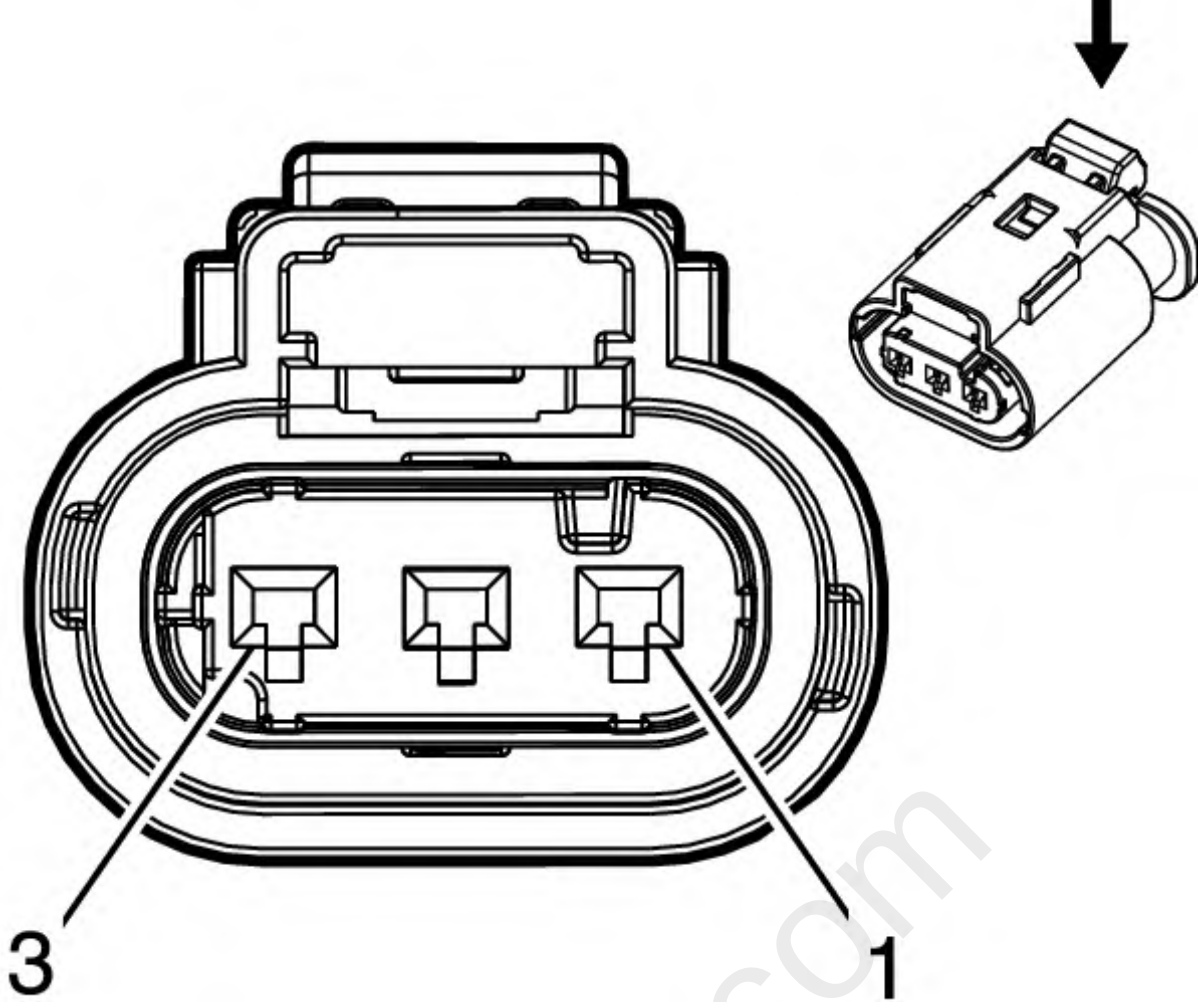
- Harness Type: Engine
- OEM Connector: 13503566
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                   | Terminal Type ID | Option |
|-----|------|-------|---------|----------------------------|------------------|--------|
| 1   | 0.5  | YE/BN | 331     | Oil Pressure Sensor Signal | I                | LFY    |
| 2   | -    | -     | -       | Not Occupied               | -                | -      |

#### B37B ENGINE OIL PRESSURE SENSOR



#### Connector Part Information

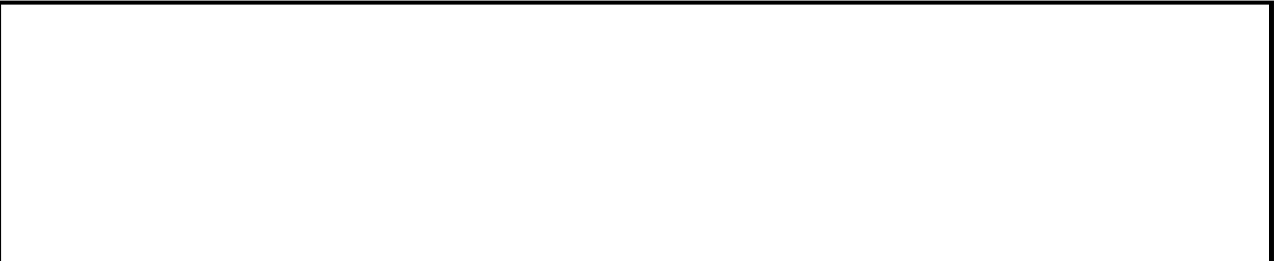
- Harness Type: Engine
- OEM Connector: 13503570
- Service Connector: 19299690
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

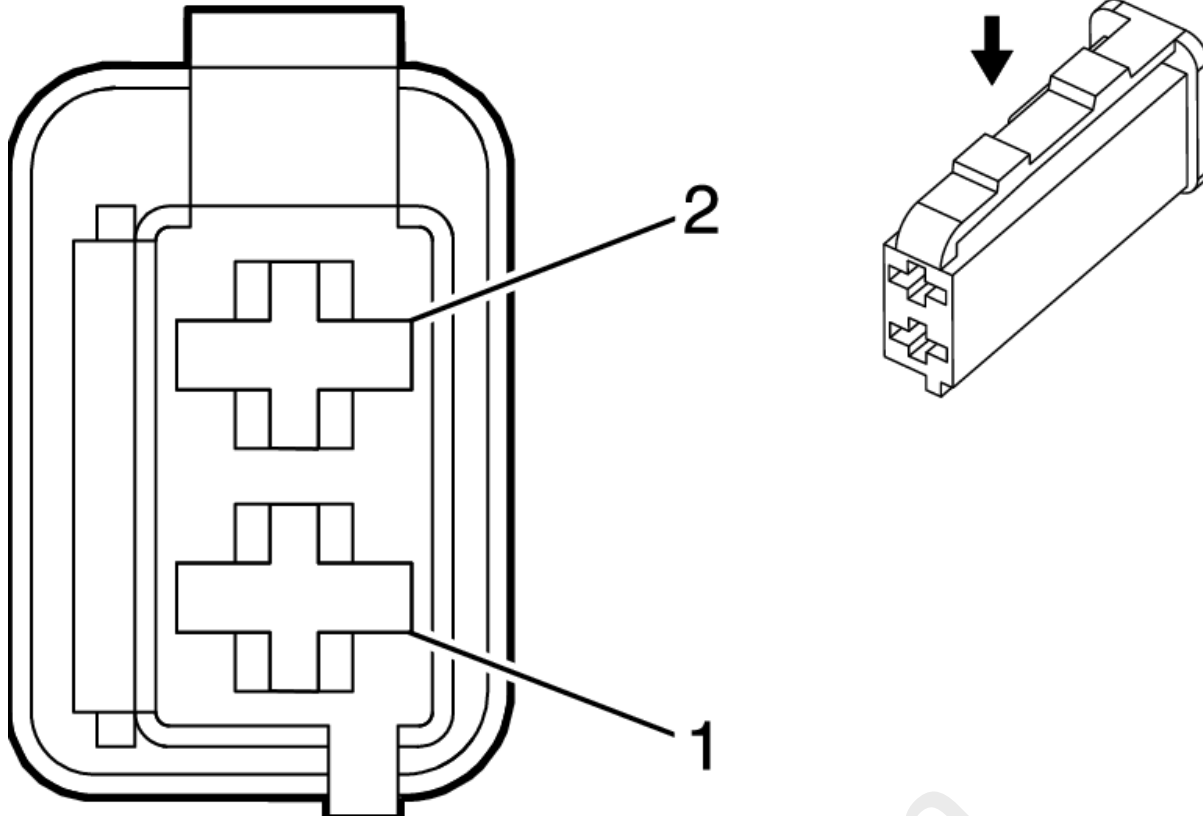
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                          | Terminal Type ID | Option |
|-----|------|-------|---------|-----------------------------------|------------------|--------|
| 1   | 0.5  | YE/BN | 331     | Oil Pressure Sensor Signal        | I                | -      |
| 2   | 0.5  | BK/VT | 2755    | Oil Pressure Sensor Low Reference | I                | -      |
| 3   | 0.5  | WH/RD | 2705    | Oil Pressure Sensor 5V Reference  | I                | -      |

#### B39 A/C EVAPORATOR TEMPERATURE SENSOR





#### Connector Part Information

- Harness Type: HVAC
- OEM Connector: 1563189-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | No Tool Required      | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                            | Terminal Type ID | Option |
|-----|------|-------|---------|-------------------------------------|------------------|--------|
| 1   | 0.35 | BK/GY | 6137    | EVAP Core Temperature Sensor Signal | I                | -      |
| 2   | 0.35 | BK/YE | 407     | Sensor Low Reference                | I                | -      |

#### B46B FUEL LEVEL SENSOR - SECONDARY (F48)

#### Connector Part Information

- Harness Type: Fuel Tank
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way

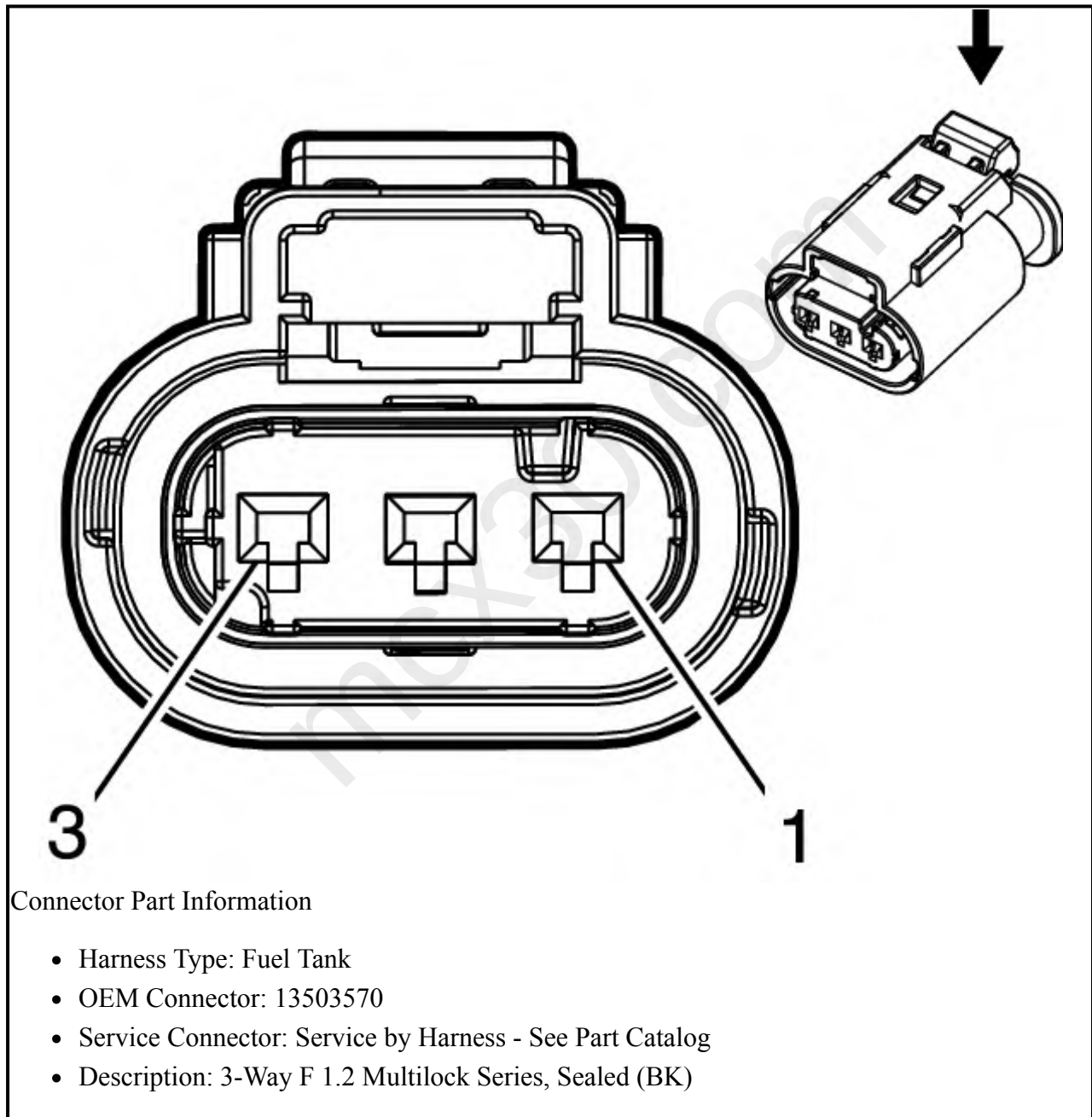
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name | Core Crimp | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|-----------|------------|------------------|
|------------------|-----------------|-----------------------|-----------------------|------------------|-----------|------------|------------------|

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | Not Available         | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                           | Terminal Type ID | Option |
|-----|------|-------|---------|------------------------------------|------------------|--------|
| 3   | 0.5  | BK/GN | 6281    | Fuel Level Sensor Low Reference    | I                | F48    |
| 4   | 0.5  | BU/WH | 1937    | Secondary Fuel Level Sensor Signal | I                | F48    |

## B47 FUEL PRESSURE SENSOR

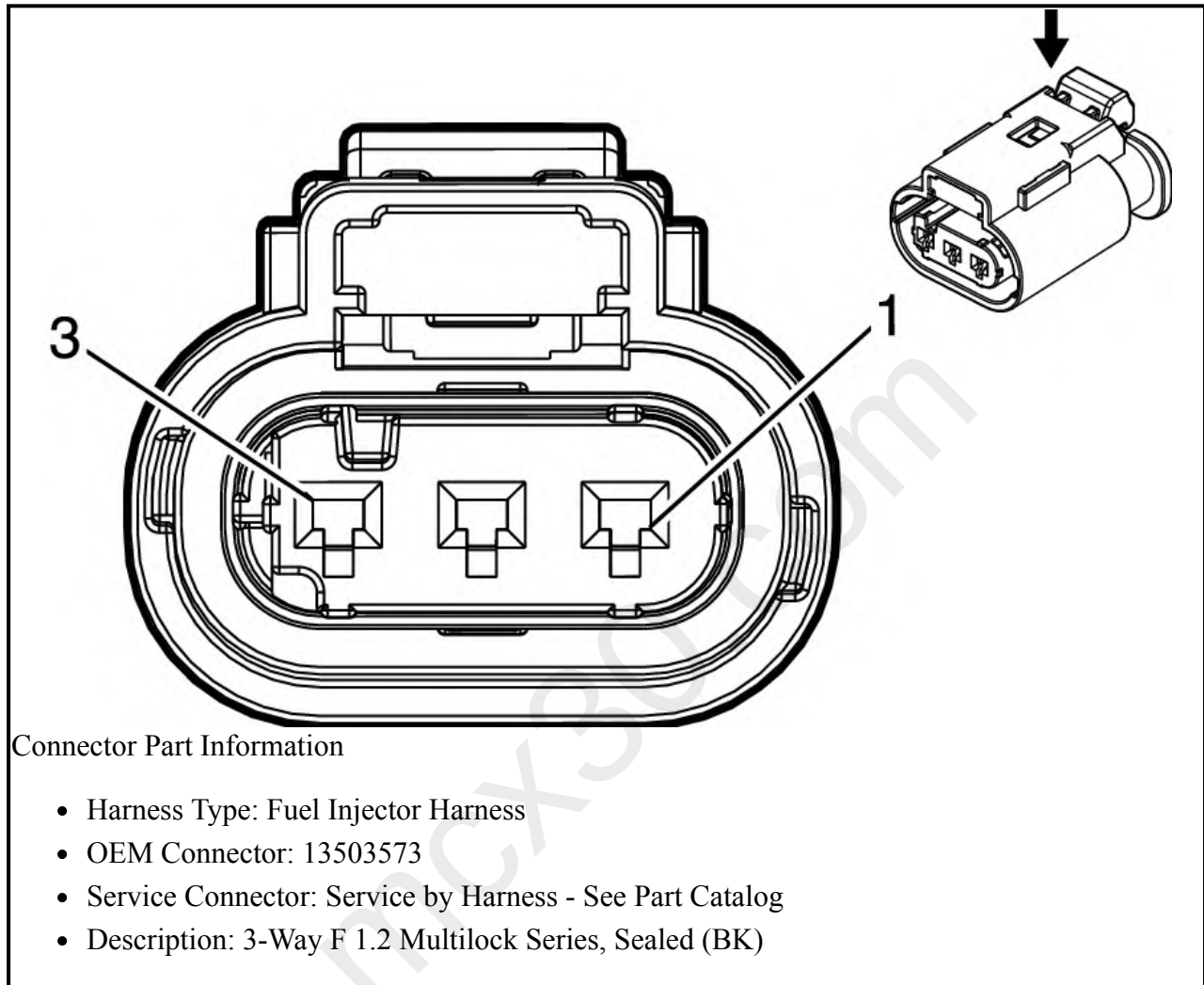


## Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | Not Available         | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                | Terminal Type ID | Option |
|-----|------|-------|---------|-----------------------------------------|------------------|--------|
| 1   | 0.5  | BN/RD | 7445    | Fuel Line Pressure Sensor 5V Reference  | I                | -      |
| 2   | 0.5  | BK/YE | 7447    | Fuel Line Pressure Sensor Low Reference | I                | -      |
| 3   | 0.5  | BU/WH | 7446    | Fuel Line Pressure Sensor Signal        | I                | -      |

### B47B FUEL RAIL PRESSURE SENSOR

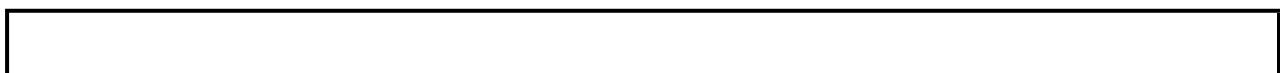


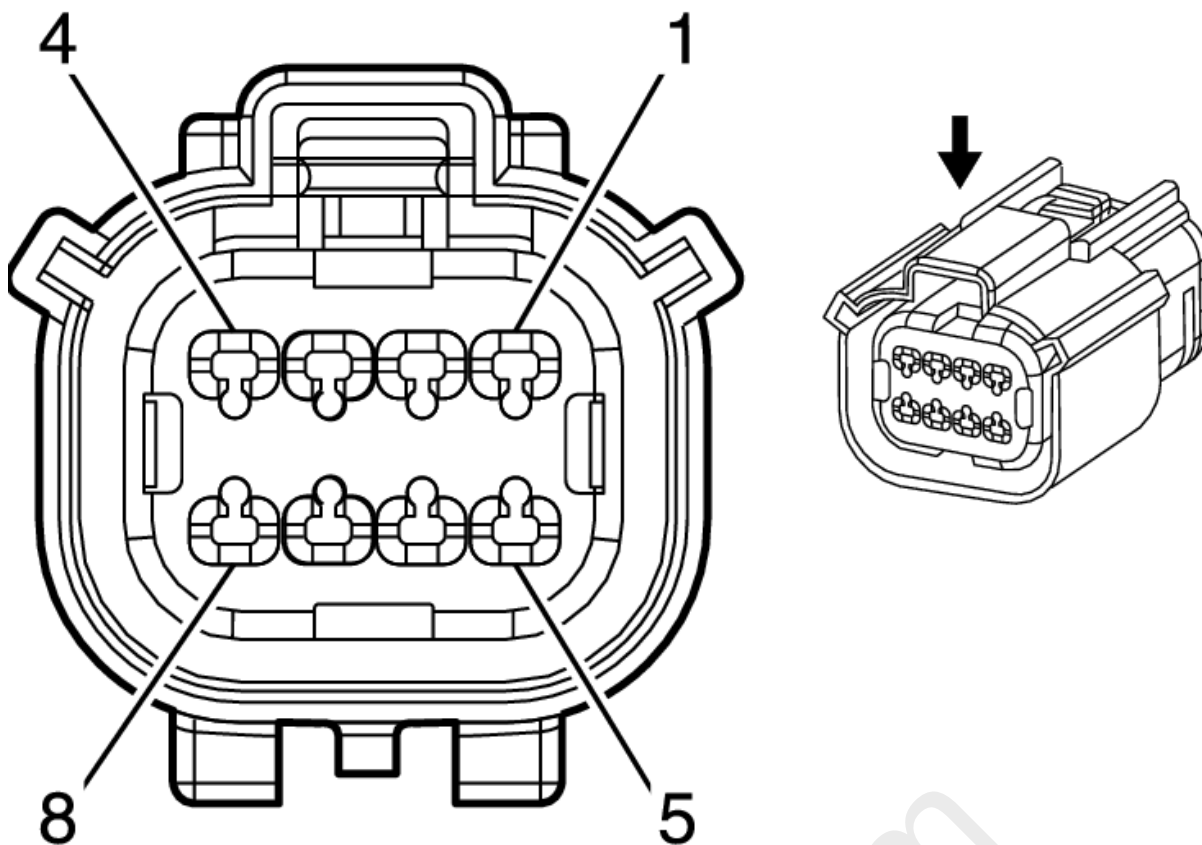
### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | Not Available         | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                | Terminal Type ID | Option |
|-----|------|-------|---------|-----------------------------------------|------------------|--------|
| 1   | 0.5  | BK/GN | 2919    | Fuel Rail Pressure Sensor Low Reference | I                | -      |
| 2   | 0.5  | BU/WH | 2918    | Fuel Rail Pressure Sensor Signal        | I                | -      |
| 3   | 0.5  | BN/RD | 2917    | Fuel Rail Pressure Sensor 5V Reference  | I                | -      |

### B52A HEATED OXYGEN SENSOR 1





#### Connector Part Information

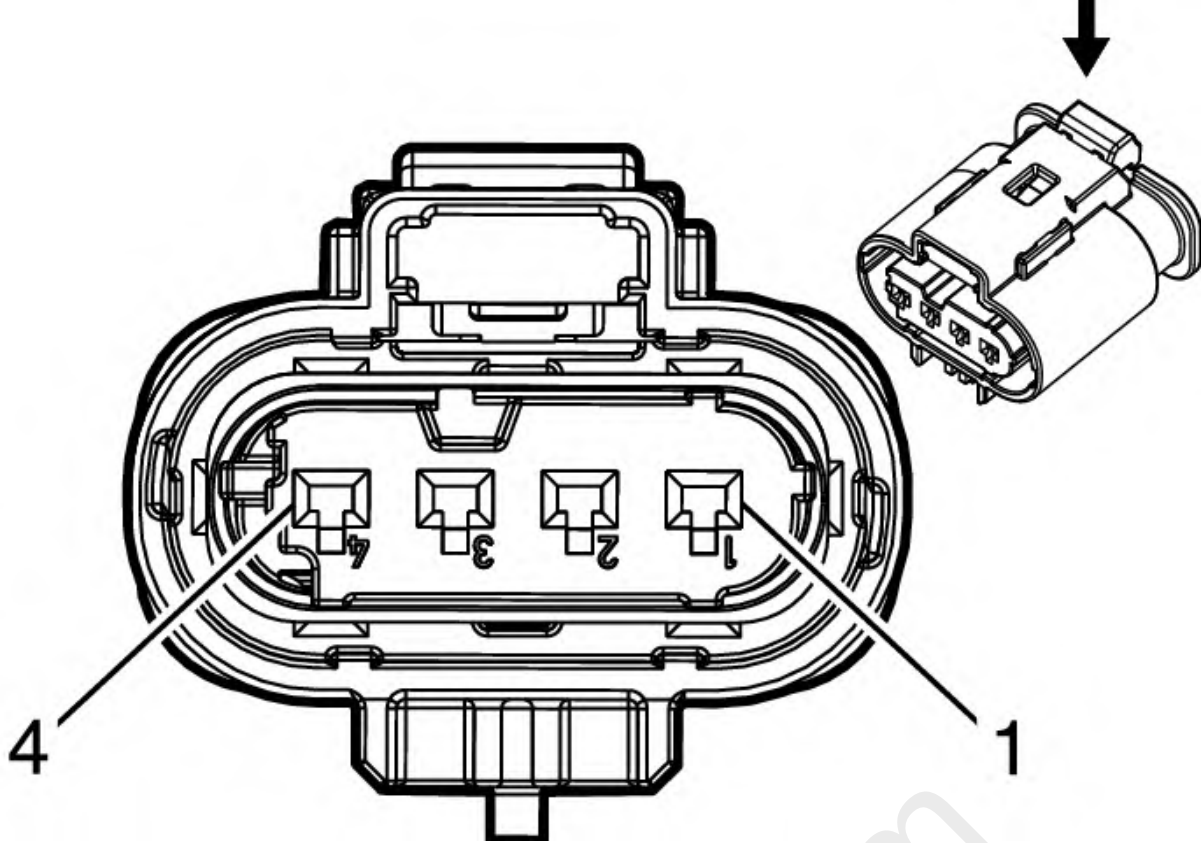
- Harness Type: Engine
- OEM Connector: 13586514
- Service Connector: 19330671
- Description: 8-Way F 150 MX Series, Sealed (BK)

#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-2A (GY)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                                | Terminal Type ID | Option |
|-----|------|-------|---------|---------------------------------------------------------|------------------|--------|
| 1   | 0.5  | BN    | 6934    | Heated Oxygen Sensor Ground                             | I                | -      |
| 2   | 0.5  | YE/GY | 6936    | Heated Oxygen Sensor Collector Signal                   | I                | -      |
| 3   | 0.5  | BN/WH | 6933    | Heated Oxygen Sensor Current Pump Signal                | I                | -      |
| 4   | -    | -     | -       | Not Occupied                                            | -                | -      |
| 5   | 0.5  | VT/BU | 5293    | Powertrain Main Relay Fused Supply 4                    | I                | -      |
| 6   | 0.5  | GY/WH | 3113    | Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 1 | I                | -      |
| 7   | 0.5  | GN    | 6935    | Heated Oxygen Sensor Current Adjust Signal              | I                | -      |
| 8   | -    | -     | -       | Not Occupied                                            | -                | -      |

#### B52B HEATED OXYGEN SENSOR 2



#### Connector Part Information

- Harness Type: Engine
- OEM Connector: 13503576
- Service Connector: 13587298
- Description: 4-Way F 1.2 Multilock Series, Sealed (L-GY)

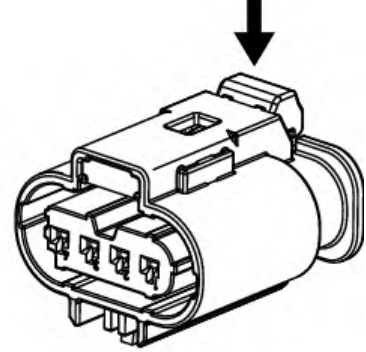
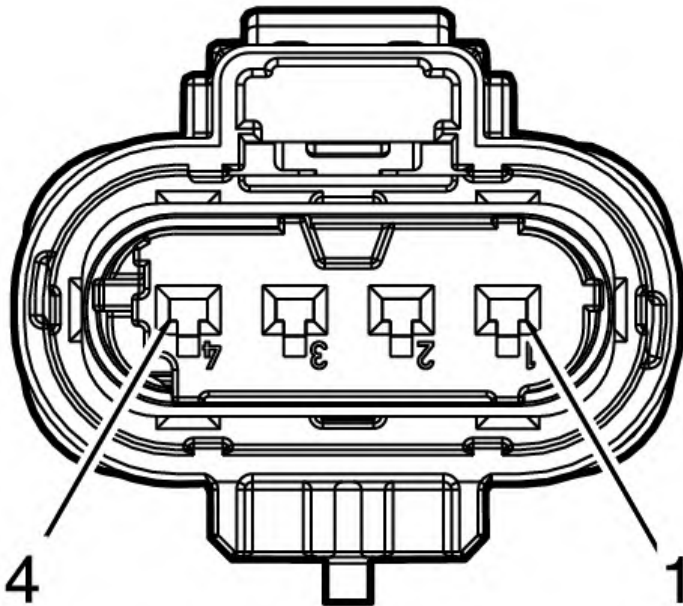
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                                | Terminal Type ID | Option |
|-----|------|-------|---------|---------------------------------------------------------|------------------|--------|
| 1   | 0.5  | GY/WH | 3122    | Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 2 | I                | -      |
| 2   | 0.5  | VT/BU | 5294    | Powertrain Main Relay Fused Supply 5                    | I                | -      |
| 3   | 0.5  | WH/YE | 3121    | Heated Oxygen Sensor Low Signal Bank 1 Sensor 2         | I                | -      |
| 4   | 0.5  | VT/BU | 3120    | Heated Oxygen Sensor High Signal Bank 1 Sensor 2        | I                | -      |

#### **B52C HEATED OXYGEN SENSOR - BANK 1 SENSOR 1 (LFY)**





#### Connector Part Information

- Harness Type: Engine
- OEM Connector: 13576824
- Service Connector: 19330920
- Description: 4-Way F 1.2 Multilock Series, Sealed (GY)

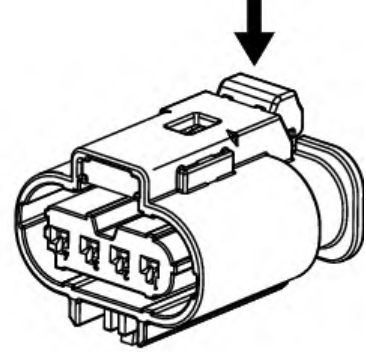
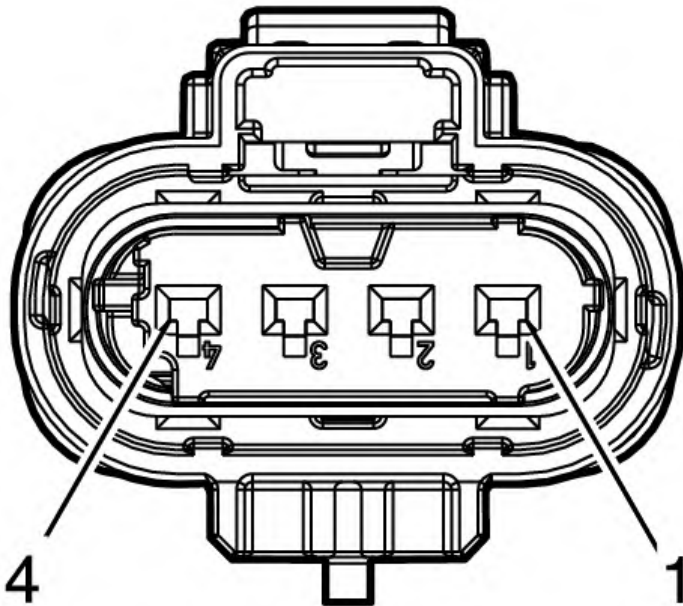
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                                | Terminal Type ID | Option |
|-----|------|-------|---------|---------------------------------------------------------|------------------|--------|
| 1   | 0.5  | GY/WH | 3113    | Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 1 | I                | LFY    |
| 2   | 0.5  | VT/BU | 5293    | Powertrain Main Relay Fused Supply 4                    | I                | LFY    |
| 3   | 0.5  | WH/BK | 3111    | Heated Oxygen Sensor Low Signal Bank 1 Sensor 1         | I                | LFY    |
| 4   | 0.5  | VT/GY | 3110    | Heated Oxygen Sensor High Signal Bank 1 Sensor 1        | I                | LFY    |

#### **B52D HEATED OXYGEN SENSOR - BANK 1 SENSOR 2 (LFY)**





#### Connector Part Information

- Harness Type: Engine
- OEM Connector: 13576824
- Service Connector: 19330920
- Description: 4-Way F 1.2 Multilock Series, Sealed (GY)

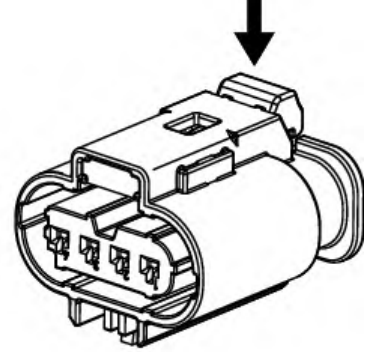
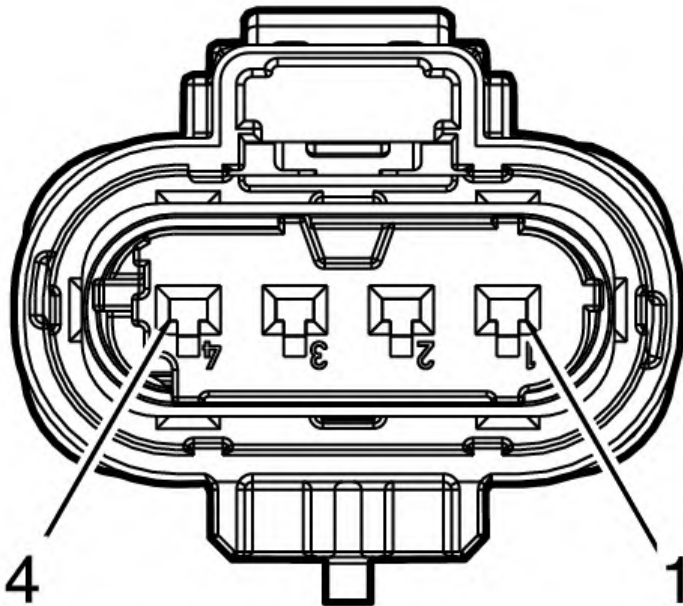
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                                | Terminal Type ID | Option |
|-----|------|-------|---------|---------------------------------------------------------|------------------|--------|
| 1   | 0.5  | GY/WH | 3122    | Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 2 | I                | -      |
| 2   | 0.5  | VT/BU | 5294    | Powertrain Main Relay Fused Supply 5                    | I                | -      |
| 3   | 0.5  | WH/YE | 3121    | Heated Oxygen Sensor Low Signal Bank 1 Sensor 2         | I                | -      |
| 4   | 0.5  | VT/BU | 3120    | Heated Oxygen Sensor High Signal Bank 1 Sensor 2        | I                | -      |

#### **B52E HEATED OXYGEN SENSOR - BANK 2 SENSOR 1 (LFY)**





#### Connector Part Information

- Harness Type: Engine
- OEM Connector: 13576824
- Service Connector: 19330920
- Description: 4-Way F 1.2 Multilock Series, Sealed (GY)

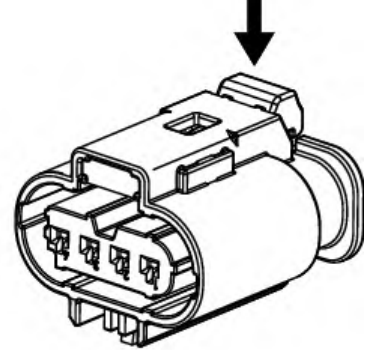
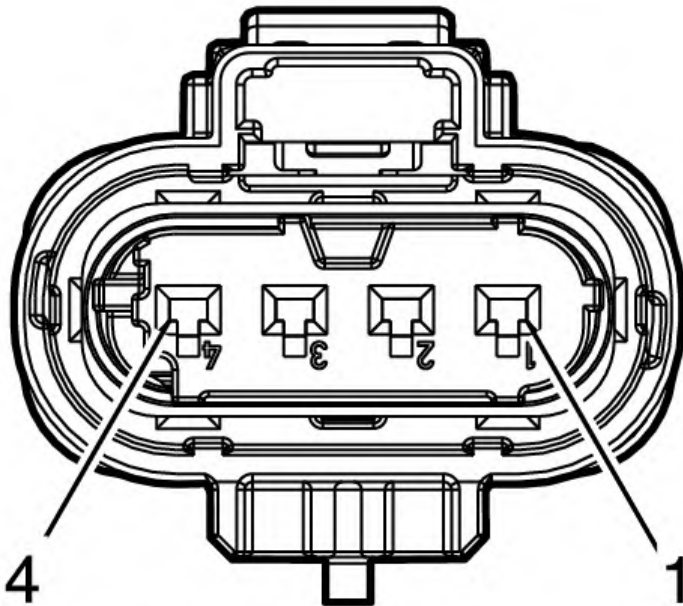
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                                | Terminal Type ID | Option |
|-----|------|-------|---------|---------------------------------------------------------|------------------|--------|
| 1   | 0.5  | GN/YE | 3212    | Heated Oxygen Sensor Heater Low Control Bank 2 Sensor 1 | I                | LFY    |
| 2   | 0.5  | VT/BU | 5293    | Powertrain Main Relay Fused Supply 4                    | I                | LFY    |
| 3   | 0.5  | YE/WH | 3211    | Heated Oxygen Sensor Low Signal Bank 2 Sensor 1         | I                | LFY    |
| 4   | 0.5  | VT/WH | 3210    | Heated Oxygen Sensor High Signal Bank 2 Sensor 1        | I                | LFY    |

#### **B52F HEATED OXYGEN SENSOR - BANK 2 SENSOR 2 (LFY)**





#### Connector Part Information

- Harness Type: Engine
- OEM Connector: 13576824
- Service Connector: 19330920
- Description: 4-Way F 1.2 Multilock Series, Sealed (GY)

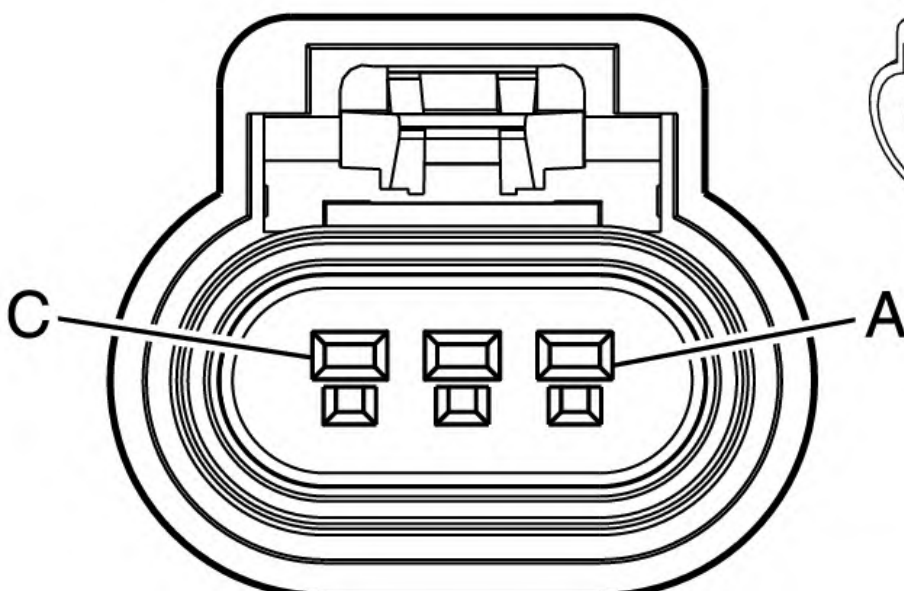
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                                | Terminal Type ID | Option |
|-----|------|-------|---------|---------------------------------------------------------|------------------|--------|
| 1   | 0.5  | WH/BN | 3223    | Heated Oxygen Sensor Heater Low Control Bank 2 Sensor 2 | I                | LFY    |
| 2   | 0.5  | VT/BU | 5294    | Powertrain Main Relay Fused Supply 5                    | I                | LFY    |
| 3   | 0.5  | YE/BU | 3221    | Heated Oxygen Sensor Low Signal Bank 2 Sensor 2         | I                | LFY    |
| 4   | 0.5  | VT/GN | 3220    | Heated Oxygen Sensor High Signal Bank 2 Sensor 2        | I                | LFY    |

#### B55 ENGINE HOOD SWITCH (W49)





#### Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13872434
- Service Connector: 19119961
- Description: 3-Way F 150 GT Series, Sealed (BK)

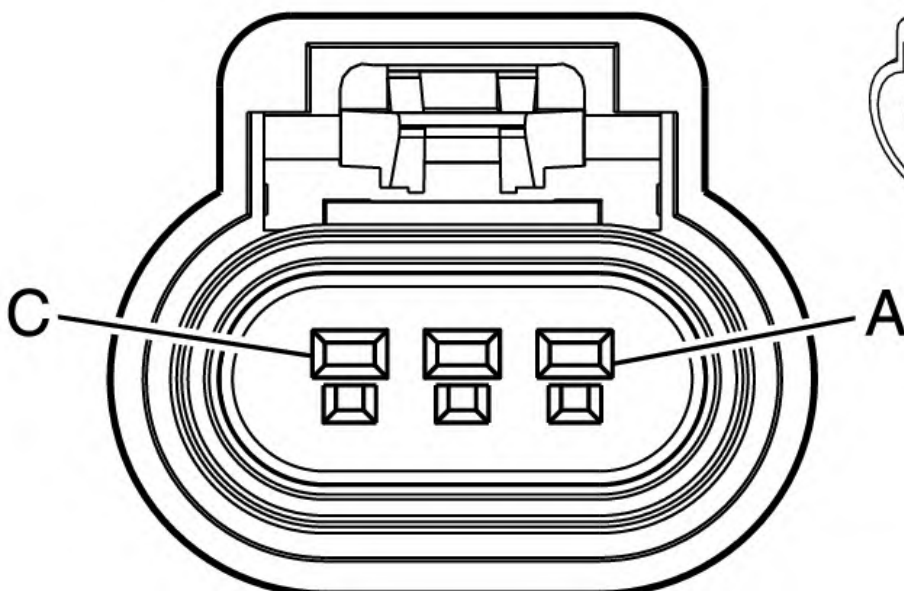
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-2A (GY)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                | Terminal Type ID | Option |
|-----|------|-------|---------|-------------------------|------------------|--------|
| A   | 0.5  | YE    | 5530    | Hood Open Switch Signal | I                | KL9    |
| B   | 0.5  | BN/GN | 109     | Hood Ajar Switch Signal | I                | -      |
| C   | 0.5  | BK    | 750     | Ground                  | I                | -      |

#### B55 ENGINE HOOD SWITCH (X88)





#### Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13872434
- Service Connector: 19119961
- Description: 3-Way F 150 GT Series, Sealed (BK)

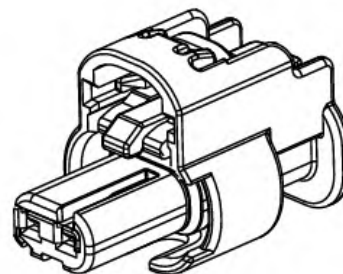
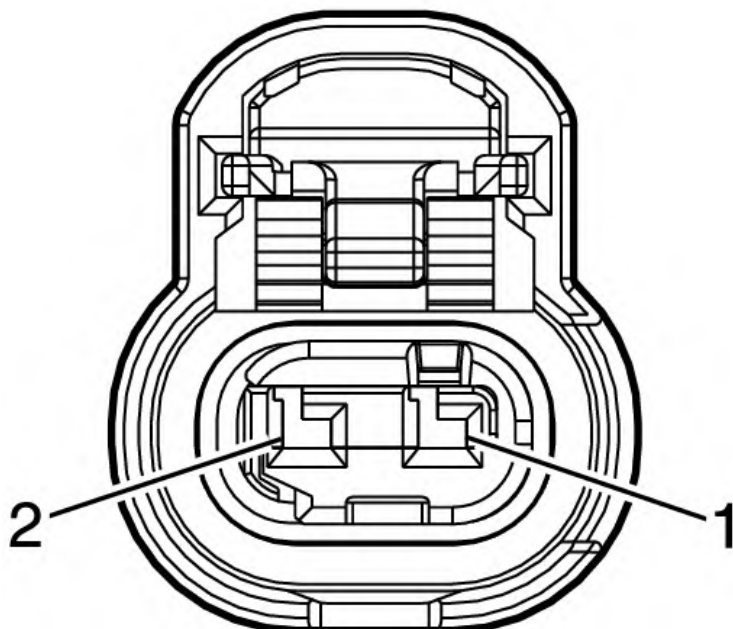
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-14 (GN)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                | Terminal Type ID | Option |
|-----|------|-------|---------|-------------------------|------------------|--------|
| A   | 0.5  | YE    | 5530    | Hood Open Switch Signal | I                | KL9    |
| B   | 0.5  | BN/GN | 109     | Hood Ajar Switch Signal | I                | -      |
| C   | 0.5  | BK    | 750     | Ground                  | I                | -      |

#### B59L FRONT IMPACT SENSOR - LEFT





#### Connector Part Information

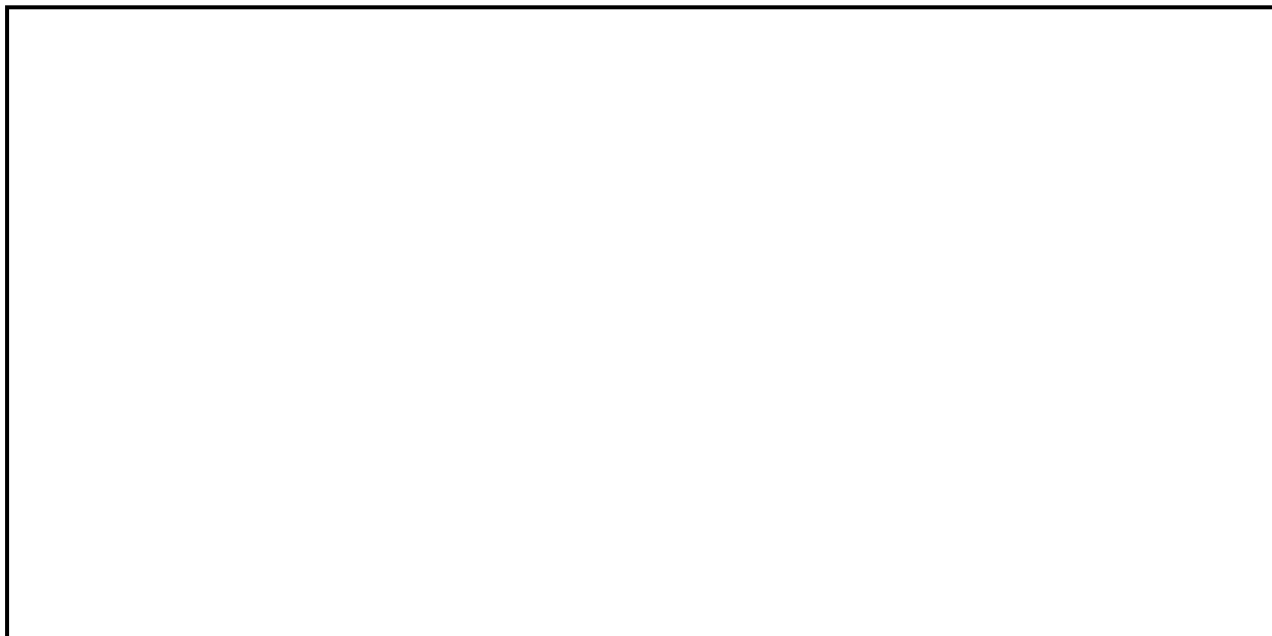
- Harness Type: Forward Lamp
- OEM Connector: 13512365
- Service Connector: 19366858
- Description: 2-Way F 1.2 MCON Series, Sealed (BK)

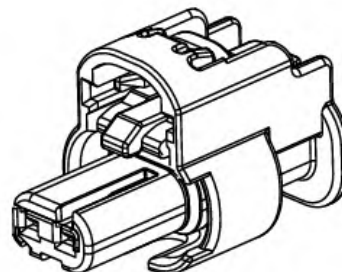
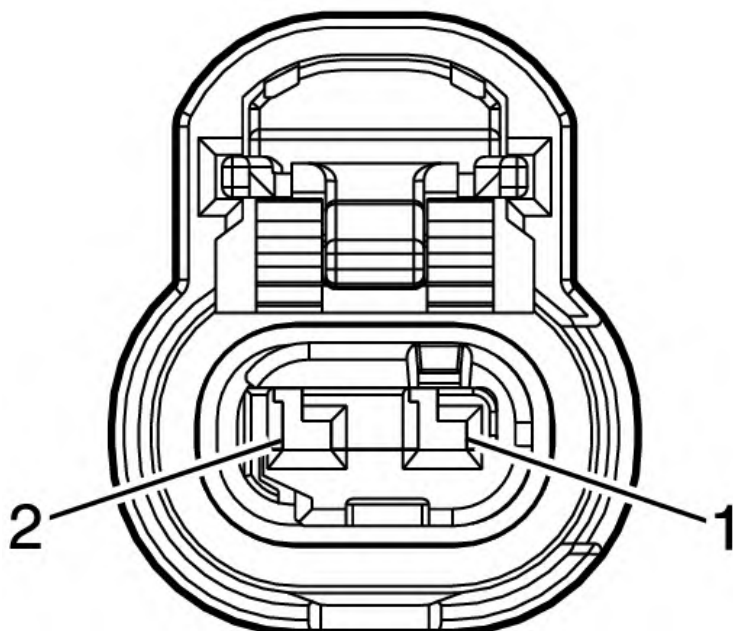
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                       | Terminal Type ID | Option |
|-----|------|-------|---------|------------------------------------------------|------------------|--------|
| 1   | 0.5  | OG/YE | 354     | Left Front Discriminating Sensor Signal        | I                | -      |
| 2   | 0.5  | BK/OG | 5045    | Left Front Discriminating Sensor Low Reference | I                | -      |

#### B59R FRONT IMPACT SENSOR - RIGHT





#### Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13512365
- Service Connector: 19366858
- Description: 2-Way F 1.2 MCON Series, Sealed (BK)

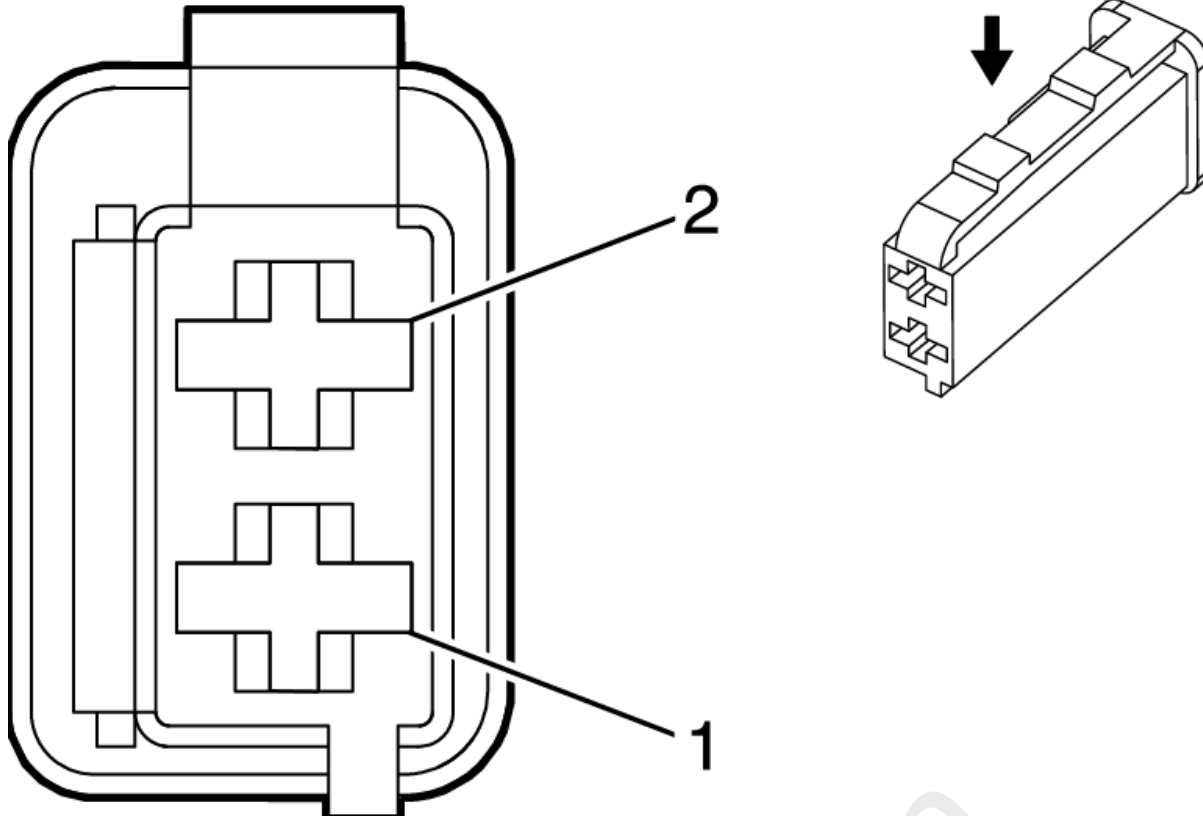
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                        | Terminal Type ID | Option |
|-----|------|-------|---------|-------------------------------------------------|------------------|--------|
| 1   | 0.5  | OG/GN | 1409    | Right Front Discriminating Sensor Signal        | I                | -      |
| 2   | 0.5  | BK/OG | 5600    | Right Front Discriminating Sensor Low Reference | I                | -      |

#### **B61P SEAT BELT TENSION SENSOR - PASSENGER**





#### Connector Part Information

- Harness Type: Body
- OEM Connector: 19179871
- Service Connector: 13580951
- Description: 2-Way F 1.6 Timer Series (BK)

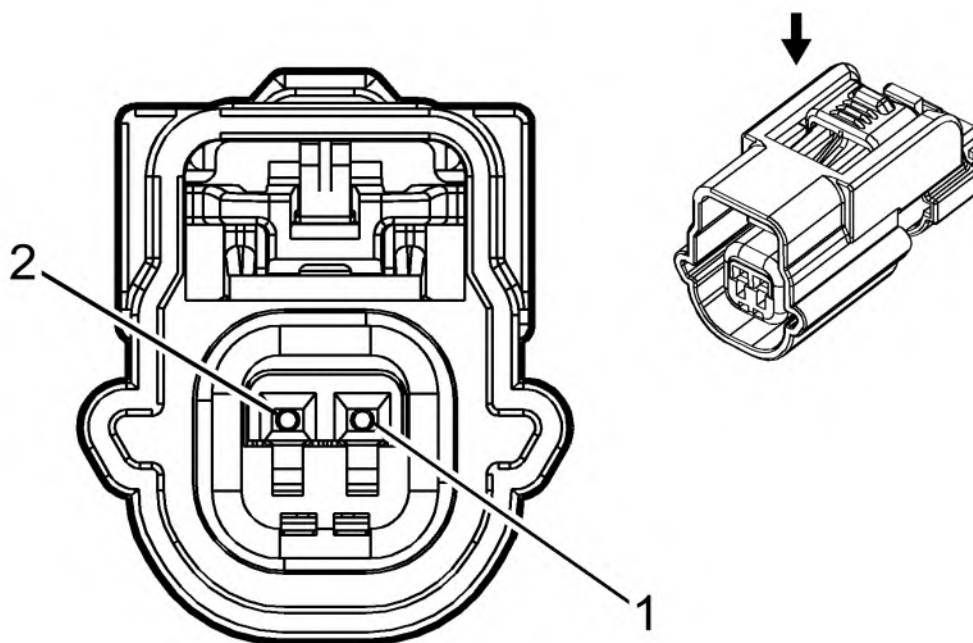
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-14 (GN)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                         | Terminal Type ID | Option |
|-----|------|-------|---------|--------------------------------------------------|------------------|--------|
| 1   | 0.5  | GY/OG | 3946    | Automatic Locking Retractor Switch Low Reference | I                | -      |
| 2   | 0.5  | OG/BN | 3947    | Automatic Locking Retractor Switch Signal        | I                | -      |

#### B63LF SIDE IMPACT SENSOR - LEFT FRONT





#### Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 89047492
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Series, Sealed (L-GY)

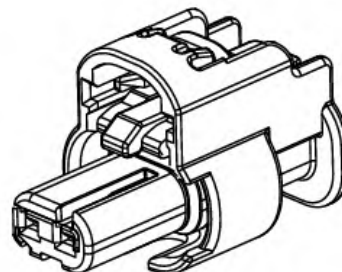
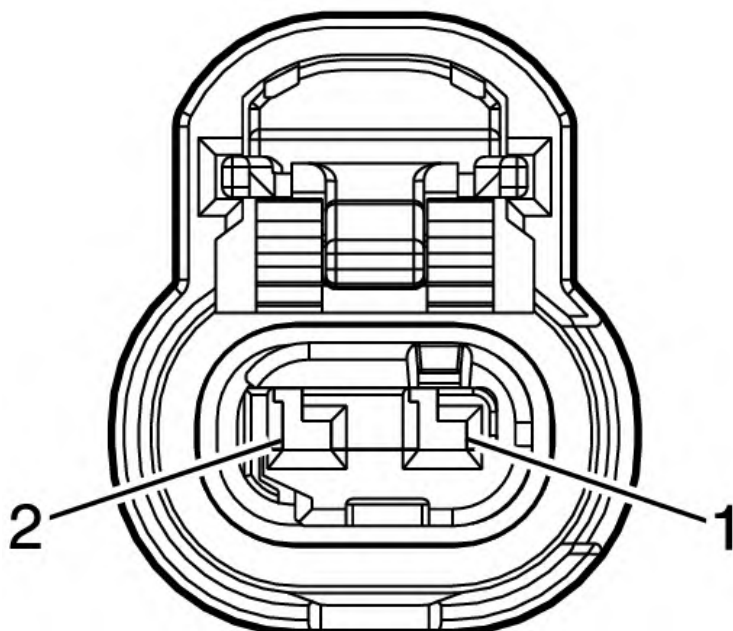
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-64B (LT BU)   | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                            | Terminal Type ID | Option |
|-----|------|-------|---------|-----------------------------------------------------|------------------|--------|
| 1   | 0.5  | OG/GN | 2132    | Left Front Side Impact Sensing Module Signal        | I                | -      |
| 2   | 0.5  | BK/OG | 6628    | Left Front Side Impact Sensing Module Low Reference | I                | -      |

#### B63LR SIDE IMPACT SENSOR - LEFT REAR

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|



#### Connector Part Information

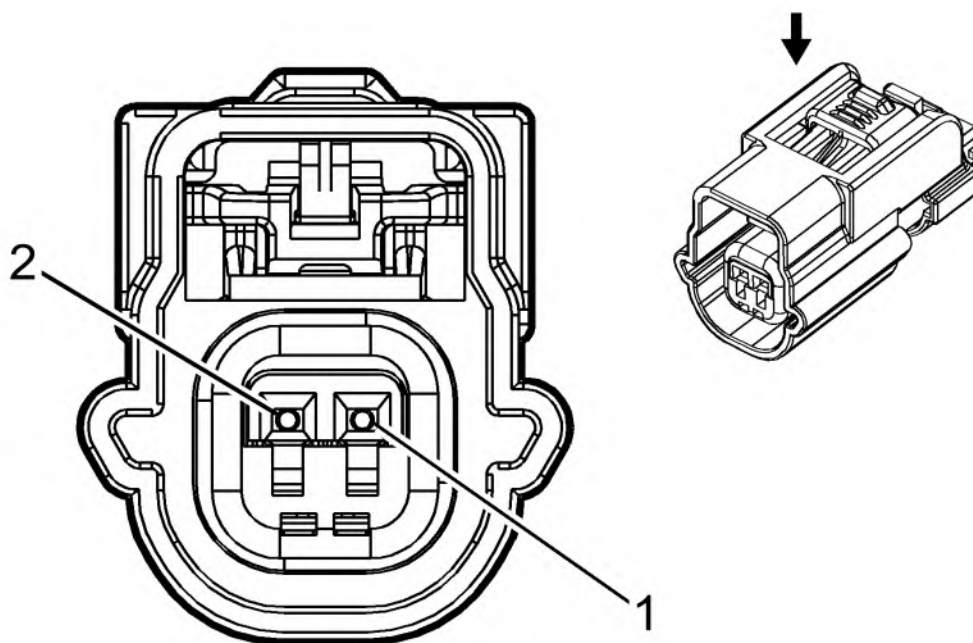
- Harness Type: Body
- OEM Connector: 13512365
- Service Connector: 19366858
- Description: 2-Way F 1.2 MCON Series, Sealed (BK)

#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                             | Terminal Type ID | Option |
|-----|------|-------|---------|------------------------------------------------------|------------------|--------|
| 1   | 0.5  | OG/BU | 6620    | Left Middle Side Impact Sensing Module Signal        | I                | -      |
| 2   | 0.5  | BK/OG | 6621    | Left Middle Side Impact Sensing Module Low Reference | I                | -      |

#### **B63RF SIDE IMPACT SENSOR - RIGHT FRONT**



#### Connector Part Information

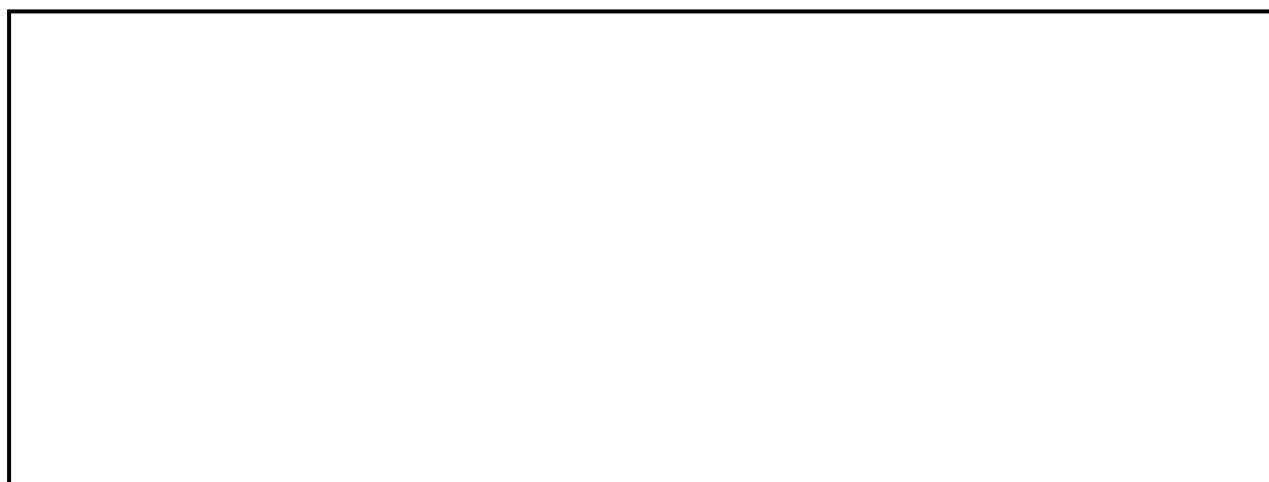
- Harness Type: Passenger Door
- OEM Connector: 89047492
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Series, Sealed (L-GY)

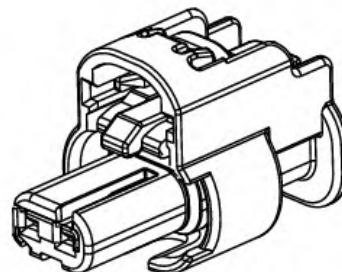
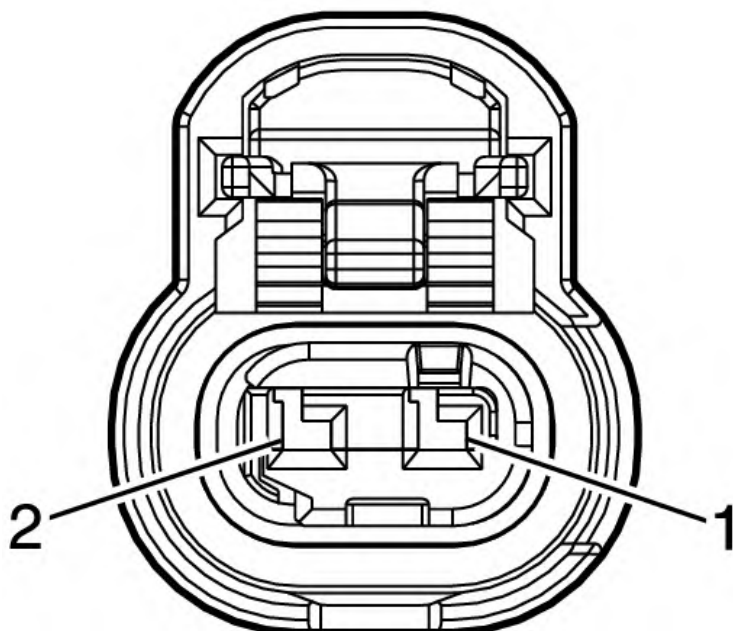
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-64B (LT BU)   | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                             | Terminal Type ID | Option |
|-----|------|-------|---------|------------------------------------------------------|------------------|--------|
| 1   | 0.5  | BN/OG | 2134    | Right Front Side Impact Sensing Module Signal        | I                | -      |
| 2   | 0.5  | BK/OG | 6629    | Right Front Side Impact Sensing Module Low Reference | I                | -      |

#### B63RR SIDE IMPACT SENSOR - RIGHT REAR





#### Connector Part Information

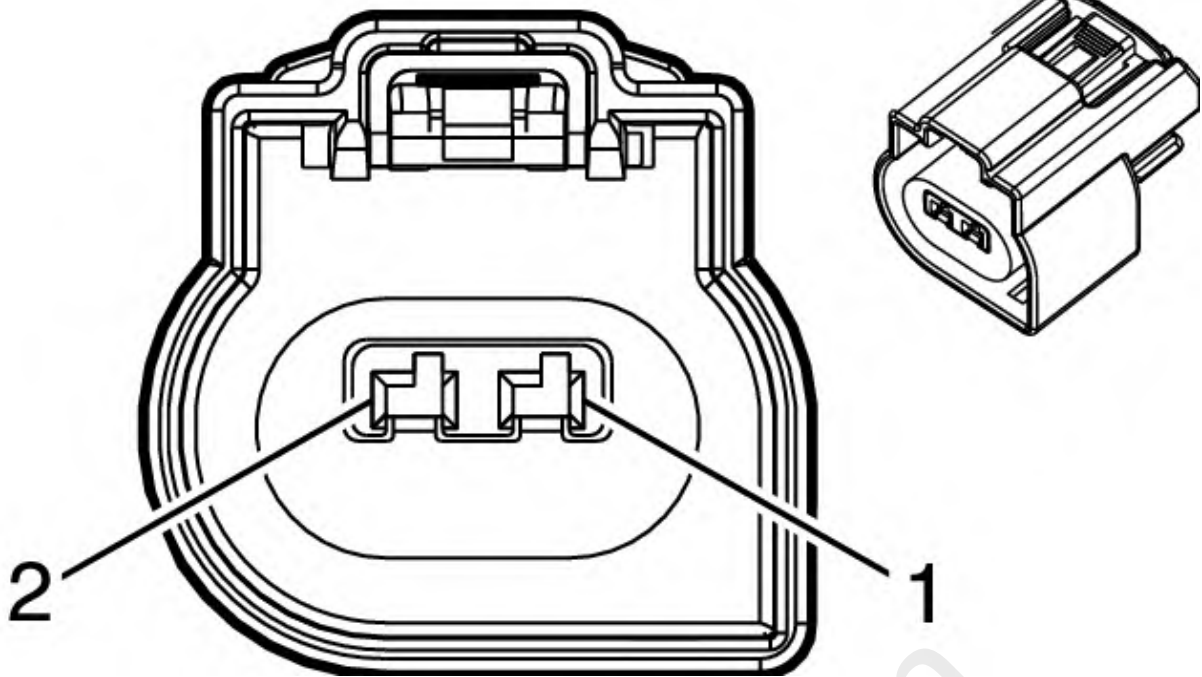
- Harness Type: Body
- OEM Connector: 13512365
- Service Connector: 19366858
- Description: 2-Way F 1.2 MCON Series, Sealed (BK)

#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-16 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                              | Terminal Type ID | Option |
|-----|------|-------|---------|-------------------------------------------------------|------------------|--------|
| 1   | 0.5  | OG/VT | 6624    | Right Middle Side Impact Sensing Module Signal        | I                | -      |
| 2   | 0.5  | BK/OG | 6625    | Right Middle Side Impact Sensing Module Low Reference | I                | -      |

#### B68A KNOCK SENSOR 1



#### Connector Part Information

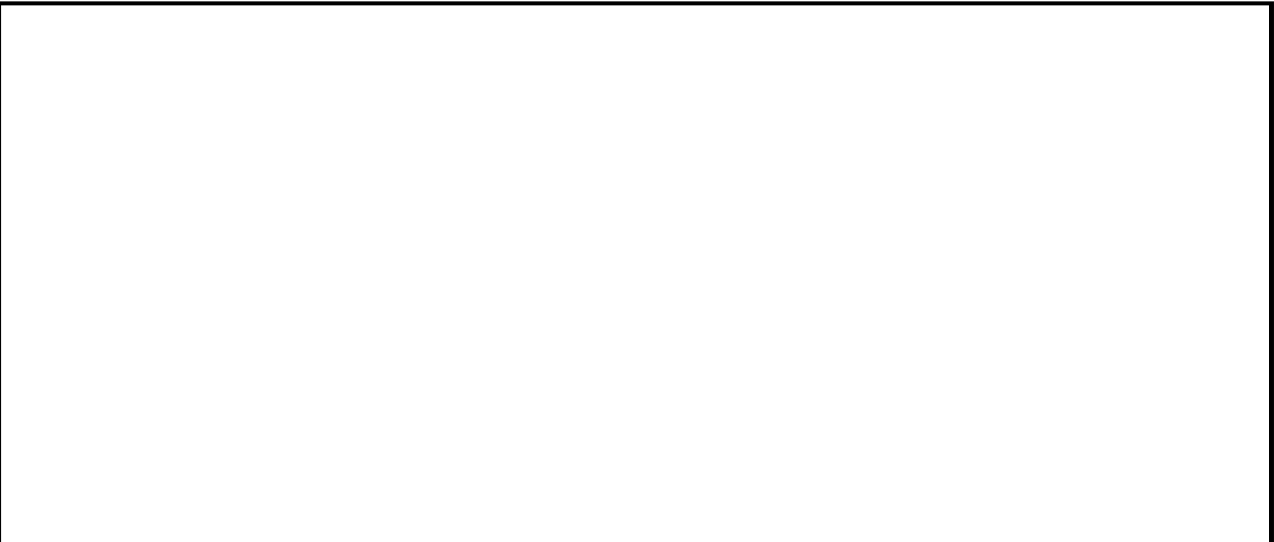
- Harness Type: Engine
- OEM Connector: 13583154
- Service Connector: 19301207
- Description: 2-Way F 150 MX Series, Sealed (BK)

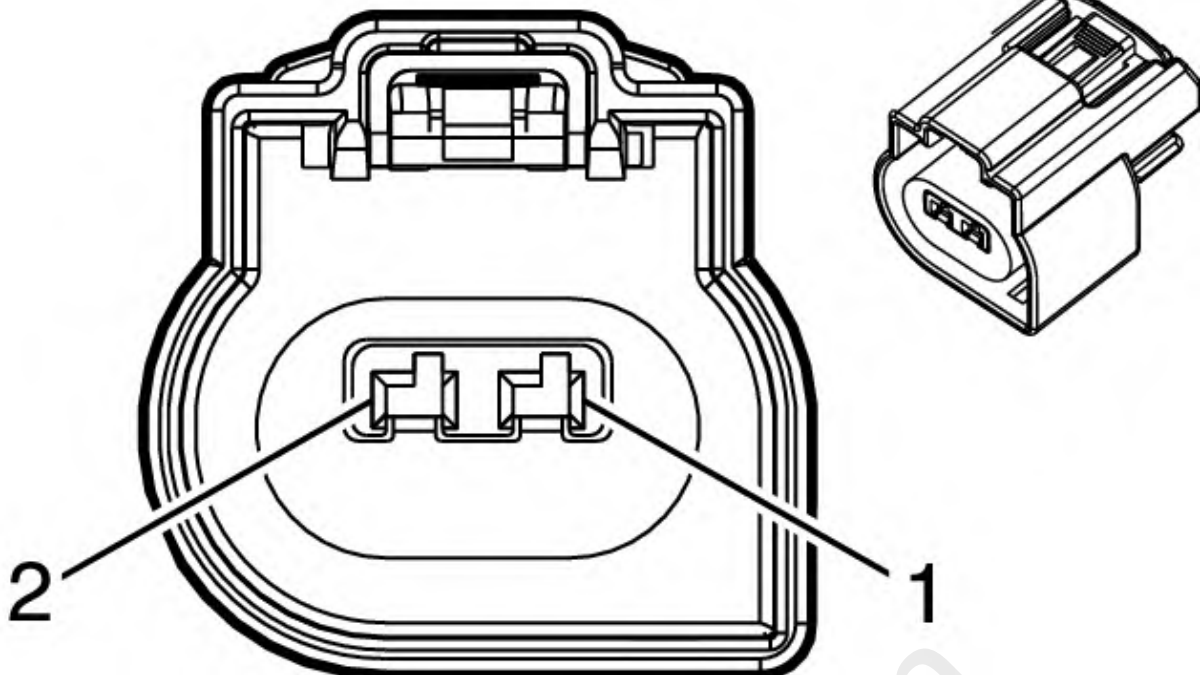
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-2A (GY)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                     | Terminal Type ID | Option |
|-----|------|-------|---------|------------------------------|------------------|--------|
| 1   | 0.5  | VT/GY | 496     | Knock Sensor Signal 1        | I                | -      |
| 2   | 0.5  | BK/YE | 1716    | Knock Sensor Low Reference 1 | I                | -      |

#### B68B KNOCK SENSOR 2





#### Connector Part Information

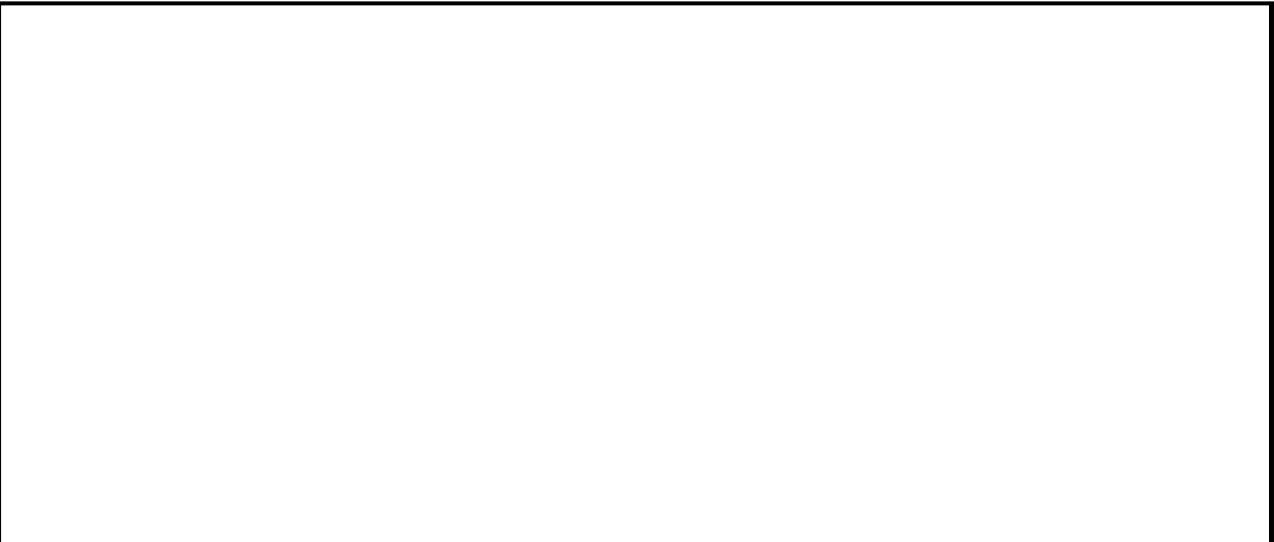
- Harness Type: Engine
- OEM Connector: 13583154
- Service Connector: 19301207
- Description: 2-Way F 150 MX Series, Sealed (BK)

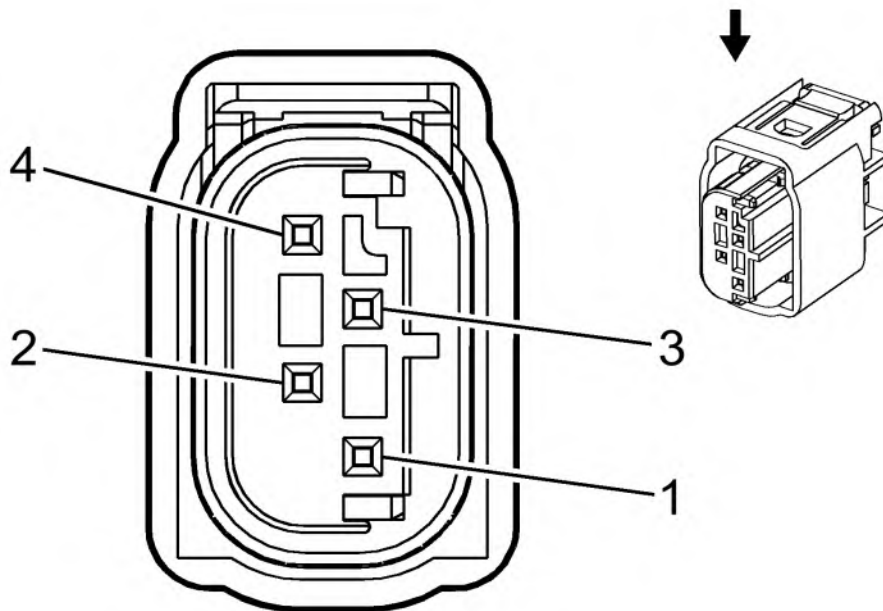
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-2A (GY)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                     | Terminal Type ID | Option |
|-----|------|-------|---------|------------------------------|------------------|--------|
| 1   | 0.5  | WH/GY | 1876    | Knock Sensor Signal 2        | I                | -      |
| 2   | 0.5  | BK/GY | 2303    | Knock Sensor Low Reference 2 | I                | -      |

#### **B70 LIFTGATE CLOSE SWITCH**





#### Connector Part Information

- Harness Type: Liftgate
- OEM Connector: 90484986
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Micro-Quadlock Series, Sealed (BK)

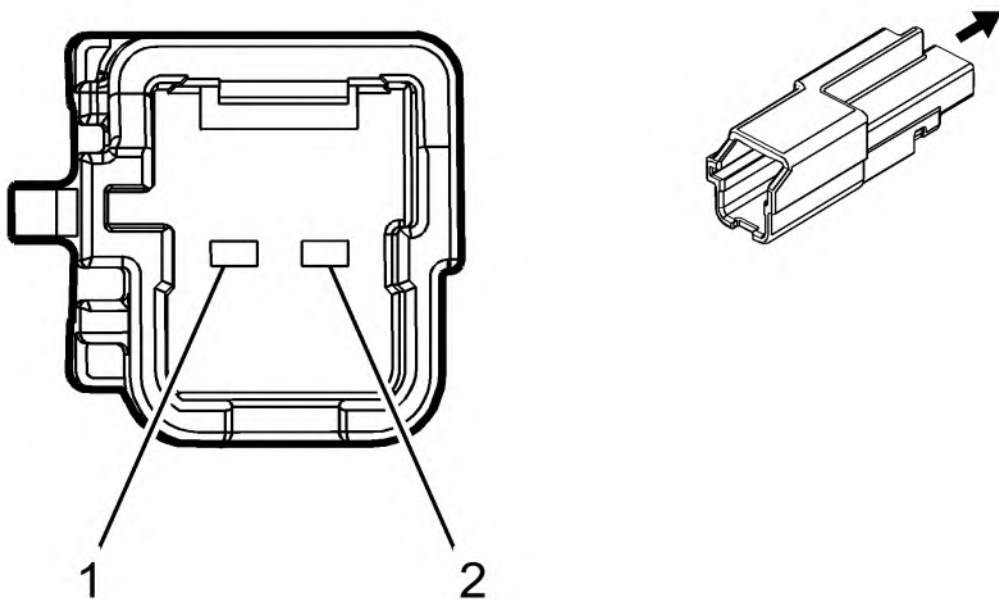
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-64B (LT BU)   | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                               | Terminal Type ID | Option |
|-----|------|-------|---------|----------------------------------------|------------------|--------|
| 1   | 0.5  | BK/VT | 5801    | Lift Gate Object Sensor Low Reference  | I                | -      |
| 2   | 0.5  | GY/WH | 3034    | Lift Gate Shut Face Switch LED Control | I                | -      |
| 3   | 0.5  | GN    | 3033    | Lift Gate Shut Face Switch Signal      | I                | -      |
| 4   | 0.5  | BK/VT | 5801    | Lift Gate Object Sensor Low Reference  | I                | -      |

#### B71L LIFTGATE OBJECT SENSOR - LEFT





#### Connector Part Information

- Harness Type: Liftgate
- OEM Connector: 13588641
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.2 Series (BK)

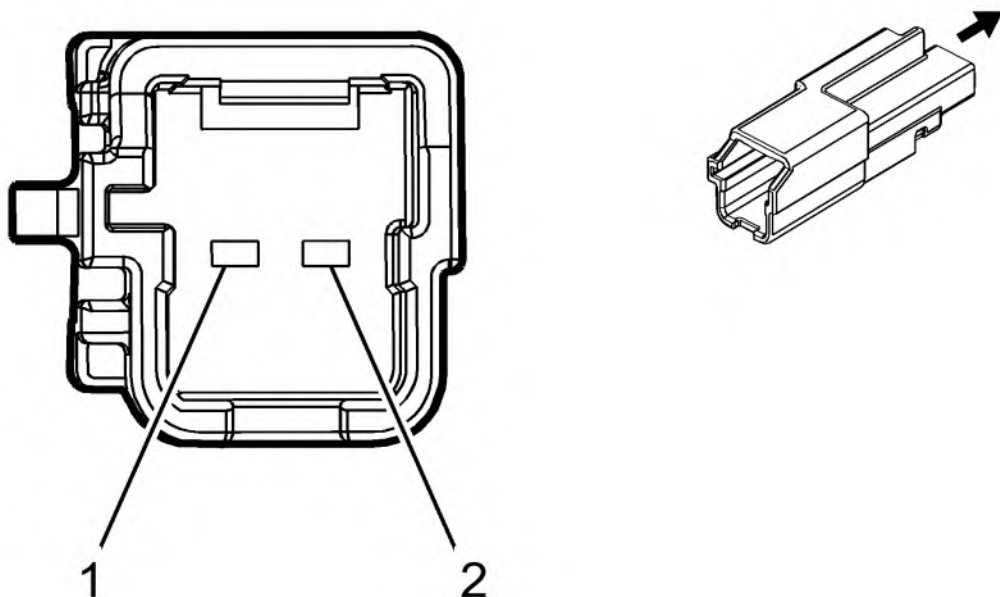
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-17 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                         | Terminal Type ID | Option |
|-----|------|-------|---------|----------------------------------|------------------|--------|
| 1   | 0.5  | WH/BK | 6126    | Lift Gate Object Sensor 2 Signal | I                | -      |
| 2   | 0.5  | GY/BK | 5802    | Lift Gate Object Sensor Signal   | I                | -      |

#### **B71R LIFTGATE OBJECT SENSOR - RIGHT (TB5/TC2)**





#### Connector Part Information

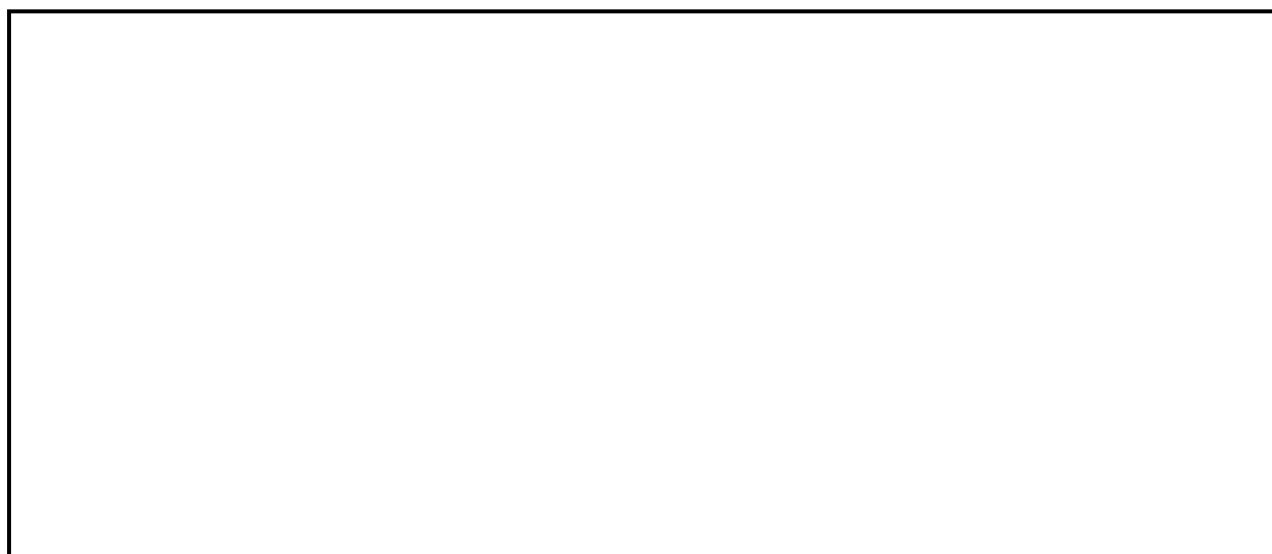
- Harness Type: Liftgate
- OEM Connector: 13588641
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.2 Series (BK)

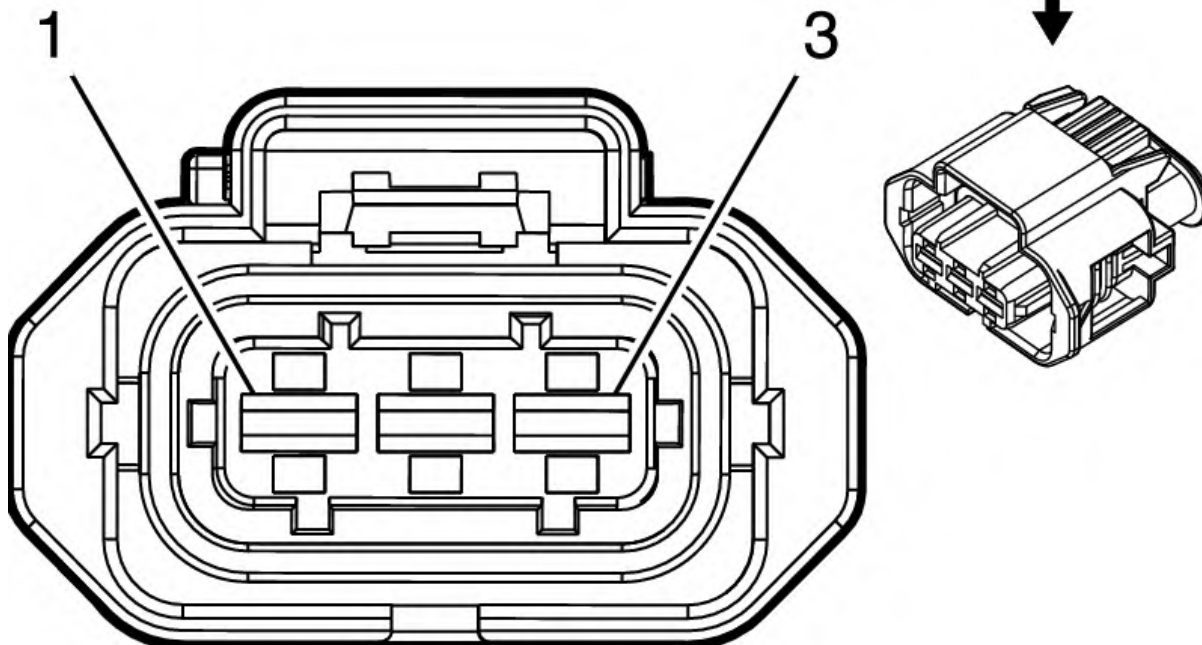
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-17 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                              | Terminal Type ID | Option  |
|-----|------|-------|---------|---------------------------------------|------------------|---------|
| 1   | 0.5  | GY/BK | 5802    | Lift Gate Object Sensor Signal        | I                | TB5/TC2 |
| 2   | 0.5  | BK/VT | 5801    | Lift Gate Object Sensor Low Reference | I                | TB5/TC2 |

#### **B74 MANIFOLD ABSOLUTE PRESSURE SENSOR (LFY)**





#### Connector Part Information

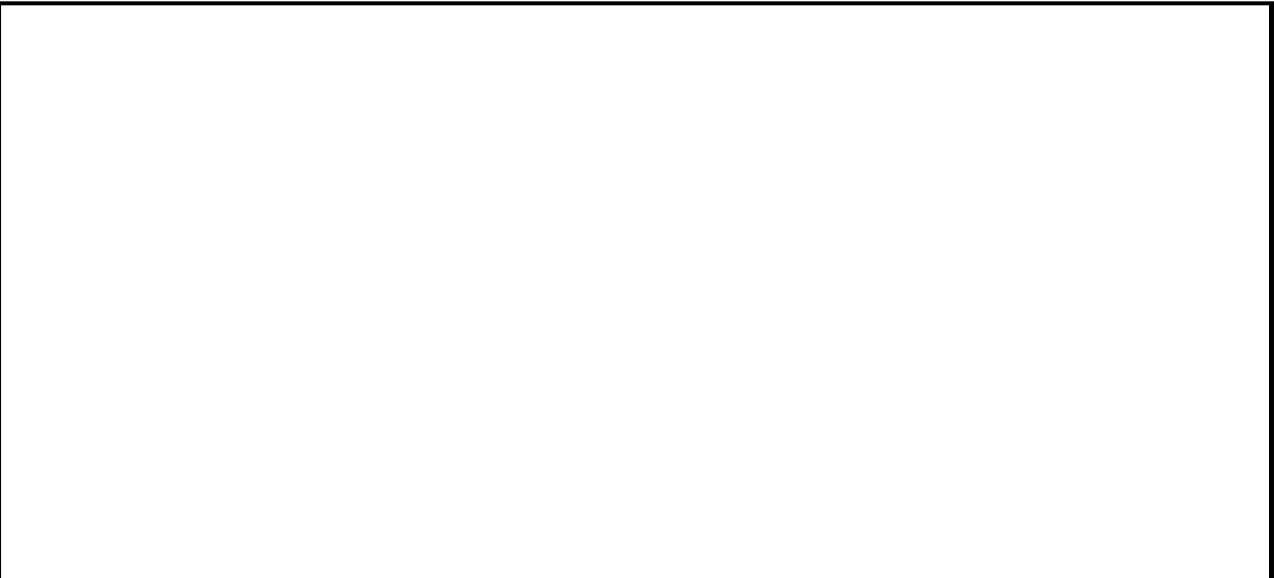
- Harness Type: Engine
- OEM Connector: 1928405717
- Service Connector: 13384360
- Description: 3-Way F 2.8 Series, Sealed (BK with BU Lock)

#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-35 (VT)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                        | Terminal Type ID | Option |
|-----|------|-------|---------|-------------------------------------------------|------------------|--------|
| 1   | 0.5  | GY/RD | 2704    | Manifold Absolute Pressure Sensor 5V Reference  | I                | LFY    |
| 2   | 0.5  | BK/GN | 469     | Manifold Absolute Pressure Sensor Low Reference | I                | LFY    |
| 3   | 0.5  | GN/WH | 432     | Manifold Absolute Pressure Sensor Signal        | I                | LFY    |

#### B74 MANIFOLD ABSOLUTE PRESSURE SENSOR (LTG)





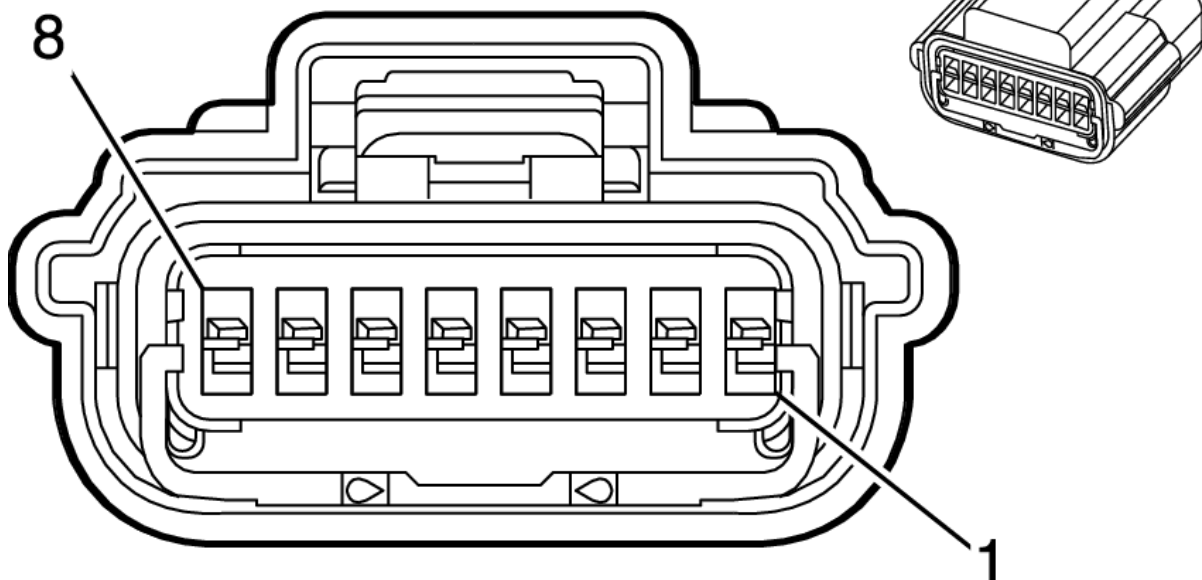
- Harness Type: Engine
- OEM Connector: 15345983
- Service Connector: 13580231
- Description: 3-Way F 2.8 Junior Power Timer Series, Sealed (GY)

## Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-35 (VT)       | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                        | Terminal Type ID | Option |
|-----|------|-------|---------|-------------------------------------------------|------------------|--------|
| 1   | 0.5  | GY/RD | 2704    | Manifold Absolute Pressure Sensor 5V Reference  | I                | -      |
| 2   | 0.5  | BK/GN | 469     | Manifold Absolute Pressure Sensor Low Reference | I                | -      |
| 3   | 0.5  | GN/WH | 432     | Manifold Absolute Pressure Sensor Signal        | I                | -      |

## B75C MULTIFUNCTION INTAKE AIR SENSOR



#### Connector Part Information

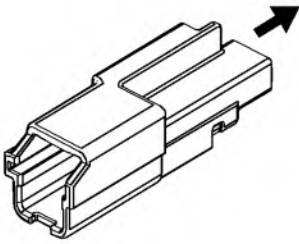
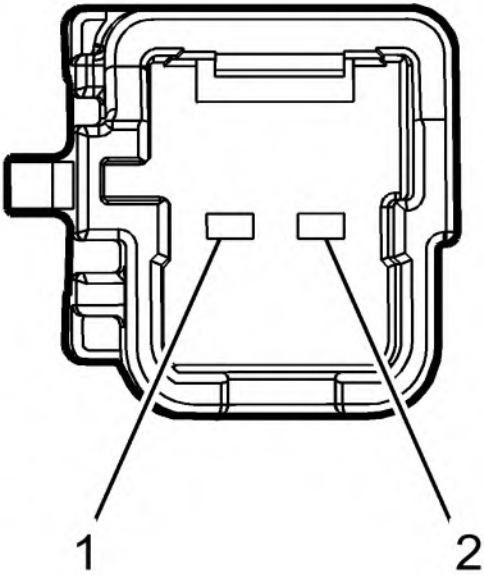
- Harness Type: Engine
- OEM Connector: 13504800
- Service Connector: 13583440
- Description: 8-Way F 0.64 Series, Sealed (BK)

#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-64B (LT BU)   | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size       | Color          | Circuit      | Function                                                                                                  | Terminal Type ID | Option     |
|-----|------------|----------------|--------------|-----------------------------------------------------------------------------------------------------------|------------------|------------|
| 1   | 0.5        | WH/BU          | 6289         | Induction Air Temperature Sensor Signal                                                                   | I                | -          |
| 2   | 0.5<br>0.5 | GY/RD<br>GY/RD | 7331<br>3053 | Pre Throttle Air Temp and Press (TMAP) 5V Reference<br>Turbo Intake Pressure Sensor High Reference Bank 1 | I<br>I           | LFY<br>LTG |
| 3   | 0.5<br>0.5 | BK/VT<br>BK/VT | 7332<br>2760 | Pre Throttle Air Temp and Press (TMAP) Low Reference<br>Intake Air Temperature Sensor Low Reference       | I<br>I           | LFY<br>LTG |
| 4   | 0.5<br>0.5 | VT/BU<br>YE    | 7330<br>3054 | Pre Throttle Air Temp and Press (TMAP) Air Pressure Signal<br>Turbo Intake Pressure Sensor Signal Bank 1  | I<br>I           | LFY<br>LTG |
| 5   | 0.5        | VT/BU          | 5294         | Powertrain Main Relay Fused Supply 5                                                                      | I                | -          |
| 6   | 0.5        | GN/WH          | 492          | Mass Air Flow Sensor Signal                                                                               | I                | -          |
| 7   | 0.5        | BK/WH          | 451          | Signal Ground                                                                                             | I                | -          |
| 8   | 0.5        | BN/GY          | 4008         | Humidity Sensor Signal                                                                                    | I                | -          |

**B77LF RADIO VOLUME COMPENSATOR INTERIOR NOISE MICROPHONE - LEFT FRONT**



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 6098-7677
- Service Connector: 19332376
- Description: 2-Way M 1.2 Series (BK)

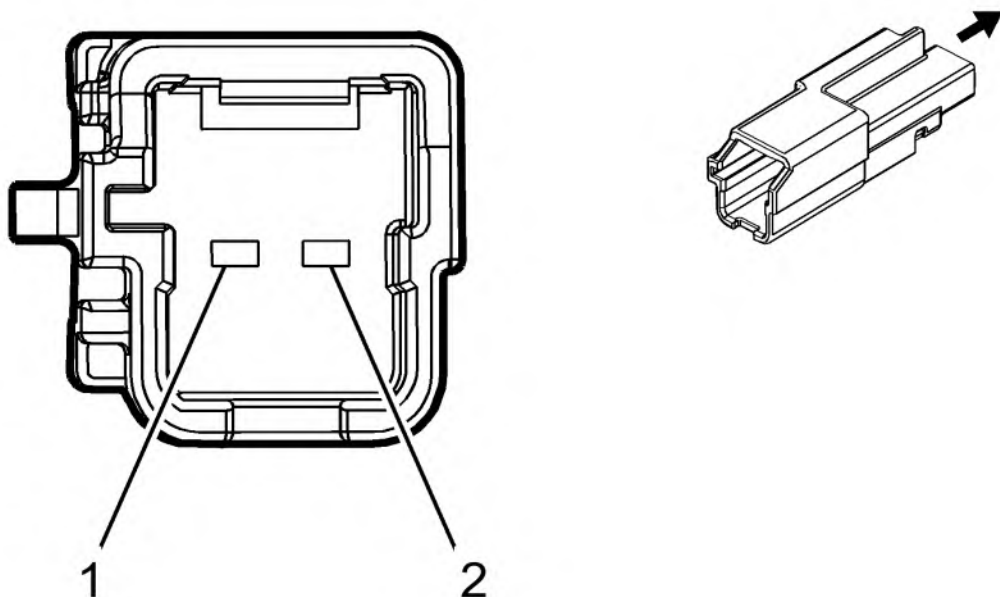
**Terminal Part Information**

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-17 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                   | Terminal Type ID | Option |
|-----|------|-------|---------|--------------------------------------------|------------------|--------|
| 1   | 0.5  | GN/BK | 3008    | Noise Reduction Microphone 1 Low Reference | I                | -      |
| 2   | 0.5  | BU/YE | 3006    | Noise Reduction Microphone 2 Signal        | I                | -      |

**B77LR RADIO VOLUME COMPENSATOR INTERIOR NOISE MICROPHONE - LEFT REAR**





#### Connector Part Information

- Harness Type: Headliner
- OEM Connector: 6098-7677
- Service Connector: 19332376
- Description: 2-Way M 1.2 Series (BK)

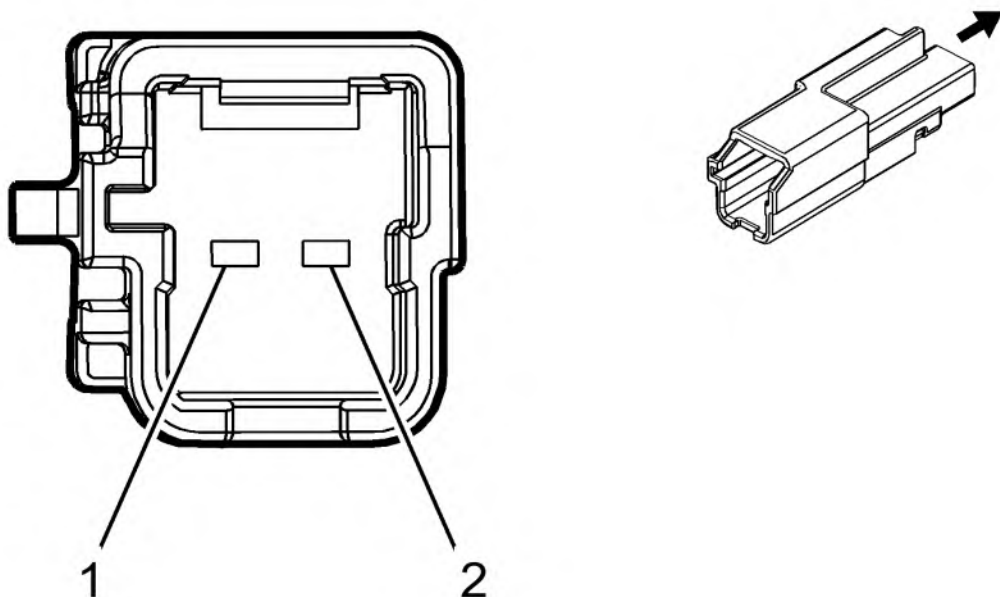
#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-17 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                   | Terminal Type ID | Option |
|-----|------|-------|---------|--------------------------------------------|------------------|--------|
| 1   | 0.5  | GY/BN | 3010    | Noise Reduction Microphone 3 Low Reference | I                | -      |
| 2   | 0.5  | GY/BU | 3007    | Noise Reduction Microphone 3 Signal        | I                | -      |

#### **B77RF RADIO VOLUME COMPENSATOR INTERIOR NOISE MICROPHONE - RIGHT FRONT**





#### Connector Part Information

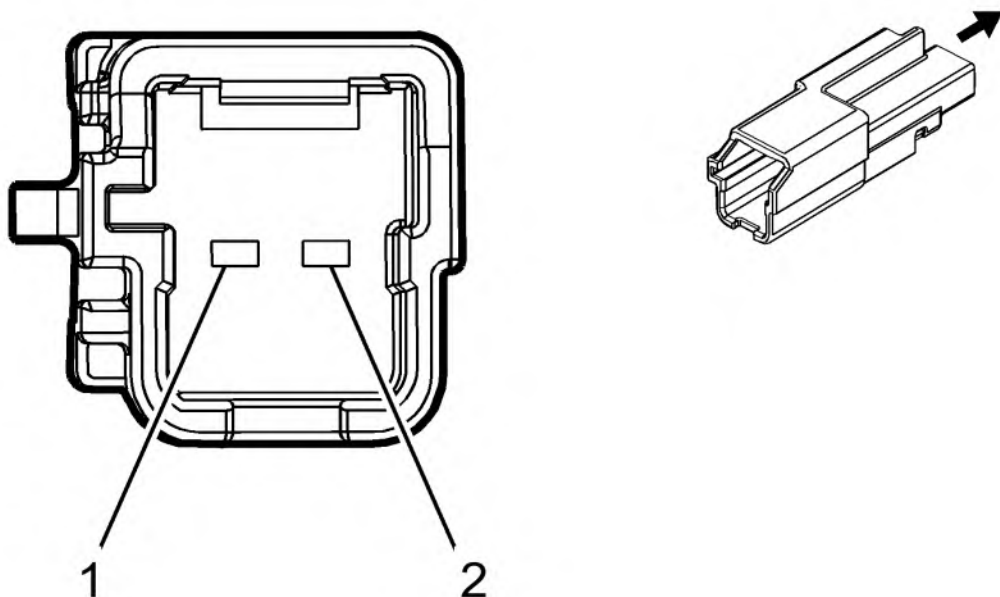
- Harness Type: Headliner
- OEM Connector: 6098-7677
- Service Connector: 19332376
- Description: 2-Way M 1.2 Series (BK)

#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-17 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                                      | Terminal Type ID | Option |
|-----|------|-------|---------|-----------------------------------------------|------------------|--------|
| 1   | 0.5  | BU/BK | 3009    | Noise Reduction Microphone<br>2 Low Reference | I                | -      |
| 2   | 0.5  | BU/YE | 3006    | Noise Reduction Microphone<br>2 Signal        | I                | -      |

**B77RR RADIO VOLUME COMPENSATOR INTERIOR NOISE MICROPHONE - RIGHT REAR**



#### Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13588641
- Service Connector: 19332376
- Description: 2-Way M 1.2 Series (BK)

#### Terminal Part Information

| Terminal Type ID | Terminated Lead | Diagnostic Test Probe | Terminal Removal Tool | Service Terminal | Tray Name    | Core Crimp   | Insulation Crimp |
|------------------|-----------------|-----------------------|-----------------------|------------------|--------------|--------------|------------------|
| I                | Not Required    | J-35616-17 (LT GN)    | No Tool Required      | Not Required     | Not Required | Not Required | Not Required     |

| Pin | Size | Color | Circuit | Function                             | Terminal Type ID | Option |
|-----|------|-------|---------|--------------------------------------|------------------|--------|
| 1   | 0.5  | WH/GN | 1776    | Noise Reduction Microphone #4 Return | I                | -      |
| 2   | 0.5  | VT/BU | 1775    | Noise Reduction Microphone #4 Signal | I                | -      |