ELECTRICAL CIRCUIT DIAGRAM MANUAL

Electrical Circuit Diagrams

CV Series

Navistar, Inc.
2701 Navistar Drive, Lisle, IL 60532 USA

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# HOW TO USE THIS MANUAL

## 1.1. ELECTRICAL SCHEMATIC SYMBOLS

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<tr>
<td><img src="image1" alt="B+" /></td>
<td>Battery Voltage</td>
<td><img src="image2" alt="IGN I" /></td>
<td>Ignition Switch– Run Position</td>
</tr>
<tr>
<td><img src="image3" alt="IGN II" /></td>
<td>Ignition Switch– Off Position</td>
<td><img src="image4" alt="IGN III" /></td>
<td>Ignition Switch– Start Position</td>
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<td><img src="image5" alt="IGN IV" /></td>
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### Table 2  General Icons

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| ![LOC](image6) | Master Component List Icon  
This icon is used on the schematic to link to the Master Electrical Component List. |
| ![←](image7) | Previous Schematic Page Icon  
This icon is used on the schematic to navigate to the previous schematic in the subsystem. |
<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Description</th>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="Desc.png" alt="Desc" /></td>
<td>Description and Operation Icon</td>
<td>This icon is used on the schematic to link to the Description and Operation of that particular system.</td>
<td><img src="SIR.png" alt="SIR/SRS" /></td>
<td>Supplemental Inflatable Restraint (SIR) or Supplemental Restraint System (SRS) Icon</td>
</tr>
<tr>
<td><img src="Computer.png" alt="Computer Programming" /></td>
<td>Computer Programming Icon</td>
<td>This icon is used on the schematic to link to Control Module References, which identifies which components need programming upon replacement.</td>
<td><img src="Information.png" alt="Information" /></td>
<td>Information Icon</td>
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<tr>
<td><img src="Next.png" alt="Next Schematic Page" /></td>
<td>Next Schematic Page Icon</td>
<td>This icon is used on the schematic to navigate to the next schematic in the subsystem.</td>
<td><img src="Danger.png" alt="Danger" /></td>
<td>Danger Icon</td>
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This icon is intended to alert the technician that a component within the system contains labeling with the same icon. This icon is used when a source component has potential for 60 volts DC or greater or has potential for 42 volts AC or greater.
### Table 2  General Icons (cont.)

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<tr>
<th>Symbol</th>
<th>Description</th>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
</table>
| ![Symbol](image) | **High Voltage Icon**  
This icon is intended to alert the technician that a component within the system contains labeling with the same icon.  
This icon is used when a component / circuit has potential for 60 volts DC or greater or has potential for 42 volts AC or greater. | ![Symbol](image) | **Functional Serial Data Communication**  
This icon is used to show the technician that the serial data circuit detail is shown incomplete. It also provides an active link to the Data Communication Schematics were the circuit is shown complete. |
| ![Symbol](image) | **Caution Icon**  
This icon is used to advise the technician to use caution when servicing this component.  
This icon may be used when a component / circuit has a voltage range potential between 30-60 volts DC or 15-42 volts AC. |
<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑ ☑ ☑</td>
<td>Generic Up Arrows</td>
<td>☑</td>
<td>On / Off Icon</td>
</tr>
<tr>
<td>☑ ☑ ☑</td>
<td>Generic Down Arrows</td>
<td>☑</td>
<td>Generic Lock Icon</td>
</tr>
<tr>
<td>☑ ☑ ☑</td>
<td>Generic Left Arrows</td>
<td>☑</td>
<td>Generic Unlock Icon</td>
</tr>
<tr>
<td>☑ ☑ ☑</td>
<td>Generic Right Arrows</td>
<td>☑ ☑ ☑ ☑ ☑</td>
<td>Generic Window Switch Positions – 4 Door</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Symbol</td>
<td>Description</td>
<td>Symbol</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>---------------------------</td>
<td>--------</td>
<td>---------------------------------------</td>
</tr>
<tr>
<td>❮❯</td>
<td>Generic Express Down Arrows</td>
<td></td>
<td>Generic Window Switch Positions – 2 Door</td>
</tr>
</tbody>
</table>

Table 3  Switch Position Icons (cont.)
### Table 4 Module Circuit Function Icons

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Symbol" /></td>
<td>I/O Pull-Down Resistors (−)</td>
<td><img src="image2" alt="Symbol" /></td>
<td>5V</td>
</tr>
<tr>
<td><img src="image3" alt="Symbol" /></td>
<td>I/O Pull-Up Resistors (+)</td>
<td><img src="image4" alt="Symbol" /></td>
<td>8V AC</td>
</tr>
<tr>
<td><img src="image5" alt="Symbol" /></td>
<td>I/O High-Side Drive Switch (+)</td>
<td><img src="image6" alt="Symbol" /></td>
<td></td>
</tr>
<tr>
<td><img src="image7" alt="Symbol" /></td>
<td>I/O Low-Side Drive Switch (+)</td>
<td><img src="image8" alt="Symbol" /></td>
<td></td>
</tr>
<tr>
<td>Symbol</td>
<td>Description</td>
<td>Symbol</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td><img src="image" alt="I/O Bidirectional Switch (+/-)" /></td>
<td>I/O Bidirectional Switch (+/-)</td>
<td><img src="image" alt="Serial Data" /></td>
<td>Serial Data</td>
</tr>
<tr>
<td><img src="image" alt="Pulse-Width Modulation Symbol" /></td>
<td>Pulse-Width Modulation Symbol</td>
<td><img src="image" alt="Antenna Signal– In" /></td>
<td>Antenna Signal– In</td>
</tr>
<tr>
<td><img src="image" alt="Battery Voltage" /></td>
<td>Battery Voltage</td>
<td><img src="image" alt="Antenna Signal– Out" /></td>
<td>Antenna Signal– Out</td>
</tr>
<tr>
<td><img src="image" alt="Ignition Voltage" /></td>
<td>Ignition Voltage</td>
<td><img src="image" alt="Brake Apply" /></td>
<td>Brake Apply</td>
</tr>
</tbody>
</table>
**Table 5 Harness Components**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Fuse Symbol" /></td>
<td>Fuse</td>
<td><img src="image" alt="Incomplete Physical Splice Symbol" /></td>
<td>Incomplete Physical Splice</td>
</tr>
<tr>
<td><img src="image" alt="Fuse Supplied by a Relay Symbol" /></td>
<td>Fuse Supplied by a Relay</td>
<td><img src="image" alt="Complete Physical Splice Symbol" /></td>
<td>Complete Physical Splice – 2 Wires</td>
</tr>
<tr>
<td><img src="image" alt="Circuit Breaker Symbol" /></td>
<td>Circuit Breaker</td>
<td><img src="image" alt="Wire Crosses Symbol" /></td>
<td>Wire Crosses</td>
</tr>
<tr>
<td><img src="image" alt="Fusible Link Symbol" /></td>
<td>Fusible Link</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


### Table 5  Harness Components (cont.)

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Ground" /></td>
<td>Ground</td>
<td><img src="image" alt="Twisted Wires" /></td>
<td>Twisted Wires</td>
</tr>
<tr>
<td><img src="image" alt="Case Ground" /></td>
<td>Case Ground</td>
<td><img src="image" alt="Shield" /></td>
<td>Shield</td>
</tr>
<tr>
<td><img src="image" alt="Inline Harness Connector" /></td>
<td>Inline Harness Connector</td>
<td><img src="image" alt="Circuit References" /></td>
<td>Circuit References</td>
</tr>
<tr>
<td><img src="image" alt="Inline Harness Connector" /></td>
<td>Inline Harness Connector</td>
<td><img src="image" alt="Circuit Continuation Arrowheads" /></td>
<td>Circuit Continuation Arrowheads</td>
</tr>
<tr>
<td>Symbol</td>
<td>Description</td>
<td>Symbol</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td><img src="image1" alt="Pigtail Connection" /></td>
<td>Pigtail Connection</td>
<td><img src="image2" alt="Option Breakpoint" /></td>
<td>Option Breakpoint</td>
</tr>
<tr>
<td><img src="image3" alt="Pigtail Connection" /></td>
<td>Pigtail Connection</td>
<td><img src="image4" alt="Ground Circuit Connection" /></td>
<td>Ground Circuit Connection</td>
</tr>
<tr>
<td><img src="image5" alt="Provisional or Diagnostic Connector" /></td>
<td>Provisional or Diagnostic Connector</td>
<td><img src="image6" alt="Connector Shorting Clip" /></td>
<td>Connector Shorting Clip</td>
</tr>
<tr>
<td><img src="image7" alt="Blunt Cut Wire" /></td>
<td>Blunt Cut Wire</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Table 6  Component Parts

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
</table>
| ![Partial Component](image1.png) | Partial Component  
When a component is represented in a dashed box, the component or its wiring is not shown in its entirety. | ![Connector Directly Attached to Component](image2.png) | Connector Directly Attached to Component |
| ![Entire Component](image3.png) | Entire Component  
When a component is represented in a solid box, the component or its wiring is shown in its entirety. | ![Pigtail Connector](image4.png) | Pigtail Connector |
Table 7  Switches and Relays

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Accessory Power Outlet" /></td>
<td>Accessory Power Outlet</td>
<td><img src="image" alt="Switch Actuator" /></td>
<td>Switch Actuator— Push (Latch)</td>
</tr>
<tr>
<td><img src="image" alt="Cigar Lighter" /></td>
<td>Cigar Lighter</td>
<td><img src="image" alt="Switch Actuator" /></td>
<td>Switch Actuator— Pull (Momentary)</td>
</tr>
<tr>
<td><img src="image" alt="Switch" /></td>
<td>Switch— 2 Position Normally Open</td>
<td><img src="image" alt="Switch Actuator" /></td>
<td>Switch Actuator— Pull (Latch)</td>
</tr>
<tr>
<td><img src="image" alt="Switch" /></td>
<td>Switch— 2 Position Normally Closed</td>
<td><img src="image" alt="Switch Actuator" /></td>
<td>Switch Actuator— Rotate (Momentary)</td>
</tr>
<tr>
<td>Symbol</td>
<td>Description</td>
<td>Symbol</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>------------------------------------</td>
<td>--------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td><img src="image1" alt="Switch Symbol" /></td>
<td>Switch – Rocker</td>
<td><img src="image2" alt="Actuator Symbol" /></td>
<td>Switch Actuator – Rotate (Latching)</td>
</tr>
<tr>
<td><img src="image3" alt="Switch Symbol" /></td>
<td>Switch – Contact Plate (1 Wire)</td>
<td><img src="image4" alt="Actuator Symbol" /></td>
<td>Switch Actuator – Slide (Momentary)</td>
</tr>
<tr>
<td><img src="image5" alt="Switch Symbol" /></td>
<td>Switch – Contact Plate (2 Wire)</td>
<td><img src="image6" alt="Actuator Symbol" /></td>
<td>Switch Actuator – Slide (Latching)</td>
</tr>
<tr>
<td><img src="image7" alt="Switch Symbol" /></td>
<td>Switch – 3 Position</td>
<td><img src="image8" alt="Actuator Symbol" /></td>
<td>Switch Actuator – Pressure (Momentary)</td>
</tr>
<tr>
<td>Symbol</td>
<td>Description</td>
<td>Symbol</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>------------------------</td>
<td>--------</td>
<td>---------------------------------------</td>
</tr>
<tr>
<td><img src="image" alt="Switch 4 Position" /></td>
<td>Switch– 4 Position</td>
<td><img src="image" alt="Switch 5 Position" /></td>
<td>Switch– 5 Position</td>
</tr>
<tr>
<td><img src="image" alt="Switch 6 Position" /></td>
<td>Switch– 6 Position</td>
<td><img src="image" alt="Switch Actuator– Temperature (Momentary)" /></td>
<td>Switch Actuator– Temperature (Momentary)</td>
</tr>
<tr>
<td><img src="image" alt="Switch Actuator– Push (Momentary)" /></td>
<td>Switch Actuator– Push (Momentary)</td>
<td><img src="image" alt="4-Pin Single Pole / Throw Relay– Normally Open" /></td>
<td>4-Pin Single Pole / Throw Relay– Normally Open</td>
</tr>
<tr>
<td><img src="image" alt="5-Pin Relay– Normally Closed" /></td>
<td>5-Pin Relay– Normally Closed</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Table 8 Devices and Sensors

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Battery" /></td>
<td>Battery</td>
<td><img src="image" alt="Inductive Type Sensor" /></td>
<td>Inductive Type Sensor–3-Wire</td>
</tr>
<tr>
<td><img src="image" alt="Battery Assembly" /></td>
<td>Battery Assembly–Hybrid</td>
<td><img src="image" alt="Hall Effect Sensor" /></td>
<td>Hall Effect Sensor–2-Wire</td>
</tr>
<tr>
<td><img src="image" alt="Single Filament Light Bulb" /></td>
<td>Single Filament Light Bulb</td>
<td><img src="image" alt="Hall Effect Sensor" /></td>
<td>Hall Effect Sensor–3-Wire</td>
</tr>
<tr>
<td><img src="image" alt="Double Filament Light Bulb" /></td>
<td>Double Filament Light Bulb</td>
<td><img src="image" alt="Oxygen Sensor" /></td>
<td>Oxygen Sensor–2-Wire</td>
</tr>
<tr>
<td>Symbol</td>
<td>Description</td>
<td>Symbol</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>---------------------------</td>
<td>--------</td>
<td>---------------------------</td>
</tr>
<tr>
<td><img src="image" alt="LED" /></td>
<td>Light Emitting Diode (LED)</td>
<td><img src="image" alt="Sensor" /></td>
<td>Heated Oxygen Sensor– 4-Wire</td>
</tr>
<tr>
<td><img src="image" alt="Sensor" /></td>
<td>Photo Sensor</td>
<td><img src="image" alt="Actuator" /></td>
<td>Solenoid– Actuator</td>
</tr>
<tr>
<td><img src="image" alt="Gauge" /></td>
<td>Gauge</td>
<td><img src="image" alt="Valve" /></td>
<td>Solenoid– Valve</td>
</tr>
<tr>
<td><img src="image" alt="Diode" /></td>
<td>Diode</td>
<td><img src="image" alt="Clutch" /></td>
<td>Clutch</td>
</tr>
</tbody>
</table>
Table 8  Devices and Sensors (cont.)

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Capacitor symbol" /></td>
<td>Capacitor</td>
<td><img src="image" alt="Motor symbol" /></td>
<td>Motor</td>
</tr>
<tr>
<td><img src="image" alt="Resistor symbol" /></td>
<td>Resistor</td>
<td><img src="image" alt="Motor with PTC symbol" /></td>
<td>Motor with PTC</td>
</tr>
<tr>
<td><img src="image" alt="Variable Resistor symbol" /></td>
<td>Variable Resistor</td>
<td><img src="image" alt="Antenna symbol" /></td>
<td>Antenna</td>
</tr>
<tr>
<td><img src="image" alt="Variable Resistor– NTC symbol" /></td>
<td>Variable Resistor– NTC</td>
<td><img src="image" alt="Speaker symbol" /></td>
<td>Speaker</td>
</tr>
<tr>
<td>Symbol</td>
<td>Description</td>
<td>Symbol</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------------</td>
<td>--------</td>
<td>-------------------</td>
</tr>
<tr>
<td><img src="image1.png" alt="Symbol" /></td>
<td>Breakable Wire</td>
<td><img src="image2.png" alt="Symbol" /></td>
<td>Horn</td>
</tr>
<tr>
<td><img src="image3.png" alt="Symbol" /></td>
<td>Heating Element</td>
<td><img src="image4.png" alt="Symbol" /></td>
<td>Microphone</td>
</tr>
<tr>
<td><img src="image5.png" alt="Symbol" /></td>
<td>Position Sensor</td>
<td><img src="image6.png" alt="Symbol" /></td>
<td>Airbag</td>
</tr>
<tr>
<td><img src="image7.png" alt="Symbol" /></td>
<td>Pressure Sensor</td>
<td><img src="image8.png" alt="Symbol" /></td>
<td>SIR Coil</td>
</tr>
</tbody>
</table>
Table 8  Devices and Sensors (cont.)

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Knock Sensor" /></td>
<td>Knock Sensor</td>
<td><img src="image2" alt="SIR Impact Sensor" /></td>
<td>SIR Impact Sensor</td>
</tr>
<tr>
<td><img src="image3" alt="Inductive Type Sensor - 2-Wire" /></td>
<td>Inductive Type Sensor - 2-Wire</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1.2. VEHICLE ZONING STRATEGY

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

<table>
<thead>
<tr>
<th>200–299</th>
<th>300–399</th>
<th>400–499</th>
<th>500–599 (LHD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100–199</td>
<td>200–299</td>
<td>300–399</td>
<td>500–599 (RHD)</td>
</tr>
<tr>
<td></td>
<td>300–399</td>
<td>400–499</td>
<td>600–699 (LHD)</td>
</tr>
<tr>
<td></td>
<td>500–599 (LHD)</td>
<td></td>
<td>600–699 (RHD)</td>
</tr>
<tr>
<td></td>
<td>700–799</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>800–899</td>
</tr>
</tbody>
</table>

20
Table 9  Vehicle Zoning Strategy

<table>
<thead>
<tr>
<th>Callout Numbers</th>
<th>Zone Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-199</td>
<td>Engine compartment (all forward of the instrument panel)</td>
</tr>
<tr>
<td>200-299</td>
<td>Within the instrument panel area (between the bulkhead and the front plane of the instrument panel)</td>
</tr>
<tr>
<td>300-399</td>
<td>Passenger compartment (from the instrument panel to the rear of the cab)</td>
</tr>
<tr>
<td>400-499</td>
<td>Truck bed / chassis (from the rear of the cab to the rear of the vehicle)</td>
</tr>
<tr>
<td>500-599</td>
<td>Inline harness connectors to or within the driver door</td>
</tr>
<tr>
<td>600-699</td>
<td>Inline harness connectors to or within the front passenger door</td>
</tr>
<tr>
<td>700-799</td>
<td>Inline harness connectors to or within the left rear door</td>
</tr>
<tr>
<td>800-899</td>
<td>Inline harness connectors to or within the right rear door</td>
</tr>
<tr>
<td>900-999</td>
<td>Inline harness connectors to end of frame.</td>
</tr>
</tbody>
</table>
POWER DISTRIBUTION

2.1. UNDER HOOD PDM – BATTERY POWER
2.2. UNDER HOOD PDM – BATTERY POWER
2.3. UNDER HOOD PDM – BATTERY POWER
2.4. UNDER HOOD PDM – BATTERY POWER
2.5. UNDER HOOD PDM – BATTERY POWER
2.6. UNDER HOOD PDM – BATTERY POWER
2.7. UNDER HOOD PDM – IGNITION POWER
2.8. UNDER HOOD PDM – IGNITION POWER
2.9. UNDER HOOD PDM – IGNITION POWER
2.10. UNDER HOOD PDM – BATTERY POWER

[Diagram of an electrical circuit diagram showing various components such as relays, fuses, and sensors, with labels like ' REDUCTANT CONTROL MODULE RELAY 1', 'REDUCTANT CONTROL MODULE RELAY 2', 'STARTER RELAY', 'TURBOCHARGER VANE POSITION ACTUATOR', and 'FUE LPUMP DRIVER CONTROL MODULE'.]
2.11. UNDER HOOD PDM / INSTRUMENT PANEL LEFT PDM – IGNITION POWER
2.12. INSTRUMENT PANEL LEFT PDM – BATTERY POWER
2.13. INSTRUMENT PANEL LEFT PDM – BATTERY POWER
2.14. INSTRUMENT PANEL LEFT PDM – IGNITION POWER
2.15. INSTRUMENT PANEL LEFT PDM – ACCESSORY POWER
2.16. INSTRUMENT PANEL RIGHT PDM – BATTERY POWER
2.17. INSTRUMENT PANEL RIGHT PDM – BATTERY POWER
2.18. INSTRUMENT PANEL RIGHT PDM – BATTERY POWER / RETAINED ACCESSORY POWER
2.19. INSTRUMENT PANEL RIGHT PDM – BATTERY POWER
2.20. INSTRUMENT PANEL LEFT PDM / INSTRUMENT PANEL RIGHT PDM – RETAINED ACCESSORY POWER
2.21. INSTRUMENT PANEL LEFT PDM / INSTRUMENT PANEL RIGHT PDM – IGNITION POWER
2.22. IGNITION SWITCH
2.23. 12 VOLT SYSTEM
3.1. CAB – GROUND DISTRIBUTION

K36 Inflatable Restraint Sensing and Diagnostic Module

G327

K38

G340

G197

G198

G199

G360

E18 Rear Defogger Grid

C1 Battery

C1 Battery - Auxiliary 1

C1 Battery - Auxiliary 2

2751BK/WH

19X1

2650BK

250BK

7Y9

(7Y7/7Y8)(7Y9)
3.2. CENTER CHASSIS – GROUND DISTRIBUTION
3.3. DRIVER SIDE DOOR – GROUND DISTRIBUTION

[Diagram of electrical circuit for driver side door ground distribution]
3.4. PASSENGER SIDE DOOR – GROUND DISTRIBUTION
3.5. GROUND DISTRIBUTION
3.6. INSTRUMENT PANEL – GROUND DISTRIBUTION

[Diagram of instrument panel ground distribution]
3.7. MODULE SPLICE PACK – GROUND DISTRIBUTION
3.8. SPLICE PACK – GROUND DISTRIBUTION

[Diagram of electrical circuit with labels for various components such as Horn Switch, Steering Wheel Controls Switch, Cargo Lamp Relay, Data Link Connector, etc.]
3.9. SPLICE PACK – GROUND DISTRIBUTION
3.12. REAR CHASSIS – GROUND DISTRIBUTION
3.13. UNDER HOOD PDM – GROUND DISTRIBUTION
DATA COMMUNICATION

4.1. DATA COMMUNICATION – DATA LINK POWER AND GROUND AND LOW SPEED GMLAN
4.2. DATA COMMUNICATION – GATEWAY ISOLATED LOW SPEED GMLAN
4.3. DATA COMMUNICATION – HIGH SPEED GMLAN
4.4. DATA COMMUNICATION – GATEWAY ISOLATED HIGH SPEED GMLAN
4.5. DATA COMMUNICATION – CHASSIS EXPANSION HIGH SPEED GMLAN

[Diagram showing circuit connections]
4.6. DATA COMMUNICATION – POWERTRAIN EXPANSION BUS HIGH SPEED GMLAN

K20 Engine Control Module
M103 Turbocharger Vane Position Actuator
K115 Reductant Control Module
B195A Nitrogen Oxides Sensor 1
B136 Exhaust Particulate Matter Sensor
B195B Nitrogen Oxides Sensor 2
K111 Fuel Pump Driver Control Module
4.7. DATA COMMUNICATION – MOST
4.8. DATA COMMUNICATION – MOST COMMUNICATION ENABLE
4.9. ACCESSORY WAKEUP AND COMMUNICATIONS ENABLE
4.10. DATA COMMUNICATION – LINEAR INTERCONNECT NETWORK
BODY BUILDER PROVISION

5.1. EMERGENCY VEHICLE PREWIRE

[Diagram of electrical circuit diagram]
5.2. BODY BUILDER PROVISION (FEATURE CODE 0008XJP)
5.3. BODY BUILDER PROVISION

[Diagram of electrical circuit diagram]

- F37DL30A
- F19DL30A
- F31DR30A
- F39DR30A
- KR161A Configurable Provision Relay 1
- KR161B Configurable Provision Relay 2
- KR161C Configurable Provision Relay 3
- KR161D Configurable Provision Relay 4
- X51LFuse Block - Instrument Panel Left
- X51RFuse Block - Instrument Panel Right
- X61AJunction Block - Instrument Panel
- X50AFuse Block - Underhood
- KR150Relay - Spare
5.4. MASTER DISCONNECT SWITCH

- K573 Ignition Switch<br>- U1<br>- J42 JAM<br>- 832A
- W31 Blunt Cut - Master Disconnect Switch Provision
- C09 YE/GY
- W33 Blunt Cut - Crank Inhibit Provision
- W32 Blunt Cut - Master Disconnect Switch Provision
- W34 Blunt Cut - Master Disconnect Switch Indicator Provision
- X50A Fuse Block - Underhood
- W30 Blunt Cut - Ignition Main Relay
5.5. ROOF BEACON (FEATURE CODE 0008XKS)
5.6. CARGO LIGHT
5.7. STOP / TURN / BACKUP LIGHTS (FEATURE CODE 0008HXV)
5.8. STOP / TURN / BACKUP LIGHTS (FEATURE CODE 0508032)
6.1. AUXILIARY POWER – REGULAR CAB
6.2. AUXILIARY POWER – CREW CAB (FEATURE CODE 0016XCN)

[Diagram of electrical circuit with labels and components]
6.3. AUXILIARY POWER – 110 VOLT (FEATURE CODE 0008XJX)
6.4. AUXILIARY POWER – WIRELESS CHARGING
6.5. RADIO AND NAVIGATION – ANTENNA
6.6. RADIO AND NAVIGATION (FEATURE CODE 0008RNM, 0008RNV)
6.7. RADIO AND NAVIGATION (FEATURE CODE 0008RNM, 0008RNV)
6.8. RADIO AND NAVIGATION (FEATURE CODE 0008RNW)
6.10. RADIO AND NAVIGATION (FEATURE CODE 0008RNN)
6.11. RADIO AND NAVIGATION (IO3 / IO5 / IO6) WITH FEATURE CODE (00016XCN)
6.12. RADIO AND NAVIGATION (IO3 / IO5 / IO6) WITHOUT FEATURE CODE (00016XCN)
6.13. SPEAKERS

- P19A - Speaker - Left Instrument Panel
- P19AG - Speaker - Left Front Door
- P19AH - Speaker - Right Front Door
- P19W - Speaker - Right Instrument Panel
- P19AN - Speaker - Left Rear Trim Panel
- P19AL - Speaker - Left Rear Door
- P19AP - Speaker - Right Rear Trim Panel
- P19AM - Speaker - Right Rear Door
- A11 - Radio
6.14. RADIO – AUXILIARY INPUT (IOB)
6.15. RADIO – COMMUNICATION
6.16. RADIO – CD PLAYER
6.17. WINDOW SWITCH –CREW CAB

Diagram showing electrical connections and components, including:
- A90 Logic
- K9 Body Control Module
- P16 Instrument Cluster
- Door Latch Assemblies
- Windows Switches
- Door Motors
- Display Panels
6.18. POWER WINDOWS AND LOCKS – DRIVER SIDE CONTROL (CREW CAB)
6.19. POWER DOOR LOCKS – REGULAR CAB
6.20. POWER DOOR LOCKS – REGULAR CAB

Diagram showing electrical connections and components for power door locks in a regular cab. The diagram includes labels for various components such as:

- Door Latch Assembly - Driver
- Door Latch Assembly - Passenger
- Body Control Module
- Dead Lock Relay
- Fuse Block - Instrument Panel Right
- Fuse Block - Instrument Panel Left

The diagram also includes color codes for different wires and connectors, such as BN/YE, BK, GY, VT/YE, and others.
6.21. POWER DOOR LOCKS – CREW CAB
6.22. POWER WINDOWS – DRIVER

[Diagram of power window circuitry]

- B+ (Battery Positive)
- 6134GN/YE5
- 6134GN/YE4
- 745GY6
- 6
- 3
- 5
- 3
- 7
- 1150BK
- 361842RD/BU
- 1300GN/WH 7628GN/VT 1136GY
- 1940RD/VT
- DPN
- DF2
- G311
- X505
- 150 150
- Door Lock Switch - Driver
- STGC Window Switch - Driver
- Body Control Module
- Logic
- M74D Window Motor - Driver
- S79D Window Switch - Driver
- A90
- X51L Fuse Block - Instrument Panel Left
- X50L Fuse Block - Instrument Panel Left
- X50L Fuse Block - Instrument Panel Left
- X50L Fuse Block - Instrument Panel Left

[Diagram of fuse block and related components]
6.23. POWER WINDOWS SWITCH – FRONT
6.24. POWER WINDOWS – REAR
6.25. SAFETY RESTRAINT SYSTEM INDICATORS
6.26. AIR BAG AND SEAT BELT PRETENSIONER WIRING
6.27. SIDE IMPACT AND SIDE CURTAIN AIRBAGS (0016XDG, 0016XDH, 0016XDE)
6.28. THEFT DETERRENT SYSTEM
6.29. AIR BAG SYSTEM
6.30. WINDSHIELD WIPER SYSTEM (MULTIFUNCTION SWITCH WIRING)
6.31. WINDSHIELD WIPER SYSTEM
6.32. HEATED SEAT SWITCH

[Diagram of heated seat switch system, including components and connections.

Key components:
- Fused Block
- Seat Heating Control Module
- Body Control Module
- Seat Heating Switch - Driver
- Seat Heating Switch - Passenger

Legend:
- B+: Battery Positive
- RD/GY: Red/Grey
- GN/WH: Green/White

Connectors and labels:
- 2840RD/GY: Connector 2840 Red/Grey
- 7527GN/WH: Connector 7527 Green/White
- 6133GN/BU: Connector 6133 Green/Blue
- 1250BK: Connector 1250 Black
- 5140RD/GN: Connector 5140 Red/Green
- 47: Connector 47
- X320: Connector X320
- X51LF: Connector X51 Left
- G210: Connector G210
- G215: Connector G215
- K29: Seat Heating Control Module
- A90: Logic
- S32D: Seat Heating Switch - Driver
- S32P: Seat Heating Switch - Passenger

Fuses:
- F29: 40A Fuse
- F30: 40A Fuse
- F31: 40A Fuse
- F32: 60A Fuse
- F33: 60A Fuse
- F42: 50A Fuse
- F43: 50A Fuse
- F44: 15A Fuse
- F45: 10A Fuse
- F46: 15A Fuse
6.33. HEATED SEAT GRID

Diagram of heated seat grid with various components labeled such as 2077BN/VT, 2079YE/GY, 2425BU, 2080BN/YE, and others.
6.34. KEY FOB – LOCKS

[Diagram of an electrical circuit with labels for different components such as Antenna, Body Control Module, Remote Control Door Lock Receiver, and 12V connections for various parts like 3272GY/WH, 3275BU/WH, 3274YE/GN, and 3273GY.]
6.35. EXTERIOR REARVIEW MIRROR (FEATURE 0016SPS, 0016SPT)
6.36. EXTERIOR REARVIEW MIRROR (FEATURE 0016SPS, 0016SPT)
6.37. DRIVER SEAT ADJUSTMENT
6.38. PASSENGER SEAT ADJUSTMENT
6.39. STEERING WHEEL CONTROLS
7.1. STARTING
CHASSIS ACCESSORIES

8.1. ANTILOCK BRAKES
8.2. ANTILOCK BRAKES

![Antilock Brakes Diagram]
8.3. LOW AIR PRESSURE INDICATOR (FEATURE CODE 0014TBL, 0014TBM, 0014TDG)
8.4. AIR SUSPENSION DUMP VALVE
8.5. TRAILER POWER (0008TRA)
8.6. TRAILER LIGHTING (0008TRA)
8.7. TRAILER BRAKE CONTROLS (0008HBW)
8.8. REARVIEW CAMERA (0008RNY, 0008RNN, 0008RNM, 0008RNV)
8.9. REARVIEW CAMERA (0008RNY, 0008RNW, 0008RNR, 0008RNX, 0008RNP)
8.10. AIR DRYER VALVE HEATER
8.11. HOOD SWITCH

![Electrical Circuit Diagram for Hood Switch]
8.12. CITY HORN
8.13. WINDOW DEFROST / EXTERIOR HEATED MIRRORS (FEATURE CODE 0008AAB)
8.14. HYDRAULIC BRAKE

[Electrical circuit diagram image]
8.15. IMMOBILIZER
8.16. BODY CONTROL MODULE
8.17. BODY CONTROL MODULE
8.18. BODY CONTROL MODULE
8.19. BODY CONTROL MODULE

[Diagram of Body Control Module with various components labeled.]

Door Lock/Indication Schematics

Content Theft Deterrent System Schematics

Horn Schematics

Immobilizer Schematics

Trailer Connector/Provision Schematics

Automatic Transmission Controls Schematics

Door Lock/Indicator Schematics

Wiper/Washer Schematics

Remote Function Schematics

Antilock Brake System Schematics
9.1. AFTERTREATMENT
9.2. AFTERTREATMENT

[Diagram of electrical circuit diagram, showing various components and connections. The diagram includes labels for different parts such as E53 Reductant Tank Heater, B213 Reductant Level Sensor 1, B33 Reductant Pump and Sensor Assembly, and K115 Reductant Control.]

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9.3. AFTERTREATMENT
9.4. GLOW PLUGS
9.6. FUEL SYSTEM
9.7. FUEL SYSTEM
9.8. FUEL SYSTEM DUAL TANK

[Diagram of a fuel system dual tank with various components labeled, such as 'Reservoir', 'Fuel Pump', 'Instrument Cluster', 'Engine Control Module', 'Brake Booster Diode', 'Body Control Module', etc.]
9.9. ENGINE CONTROL MODULE
9.10. ENGINE CONTROL MODULE
9.11. ENGINE CONTROLS
9.12. ENGINE CONTROLS

[Diagram of electrical circuit with labels for various components such as Exhaust Gas Recirculation Valve, Engine Control Module, Turbocharger Vane Position Actuator, Exhaust Gas Recirculation Temperature Sensors, and Fuses.]
9.13. ENGINE CONTROLS

[Diagram of electrical circuit diagram]

- 5V2 Low Reference Bus
- 5V4 Low Reference Bus
- 6270VT/BU
- 6141BK
- 6272BK/VT
- 2701BN/BD
- 3306
- 2365BK/BN
- 2917BN/RD
- 2919BK/GN
- 6275VT/BU

[Legend with component descriptions]
9.14. ENGINE CONTROLS

[Diagram showing electrical circuit components and connections]

- B34: Engine Coolant Temperature Sensor
- B193A: Charge Air Cooler Inlet Temperature Sensor
- B193B: Charge Air Cooler Outlet Temperature Sensor
- B131A: Exhaust Gas Recirculation Temperature Sensor 1
- B131B: Exhaust Gas Recirculation Temperature Sensor 2
- B131C: Exhaust Gas Recirculation Temperature Sensor 3
- B131D: Exhaust Gas Recirculation Temperature Sensor 4
- B193C: Engine Coolant Temperature Sensor
- B131E: Exhaust Gas Recirculation Temperature Sensor 5
- B34: Engine Control Module
- K20: Engine Control Module
9.15. ENGINE CONTROLS
9.16. ENGINE CONTROLS
9.17. CRUISE CONTROL
9.18. EXHAUST BRAKE (0592K40)
9.19. COOLING FAN

[Diagram of Electrical Circuit Diagram Manual]
GAUGES AND WARNINGS

10.1. GAUGE CLUSTER – STEERING WHEEL SWITCHES.
10.2. GAUGE CLUSTER

[Diagram of Gauge Cluster]

- Instrument Cluster
- Engine Control Module
- Fuel Level Sensor - Primary
- Fuel Level Sensor - Secondary
- Fuel Pump and Level Sensor Assembly - Primary
- Fuel Pump and Level Sensor Assembly - Secondary
- Engine Oil Pressure Sensor
- Engine Oil Level Switch
- Engine Oil Pressure Switch
- Engine Oil Temperature Switch
- Driver Information Center Display
10.3. GAUGE CLUSTER – WARNING LIGHTS
10.4. GAUGE CLUSTER – BCM INTERFACE

[Diagram of electrical circuit showing various components and connections, including BCM, Instrument Cluster, Power Mode, Door Locks, and Exterior Lights.]
10.5. BACK UP ALARM (FEATURE CODE 0008THB)
11.1. HVAC UNIT ACTUATORS
11.2. HVAC AUXILIARY HEATER
11.3. HVAC SYSTEM – COMPRESSOR AND REFRIGERANT SENSORS
LIGHTING SYSTEM

12.1. DRIVER SIDE PARK AND MARKER LIGHTS
12.2. PASSENGER SIDE PARK AND MARKER LIGHTS
12.4. CARGO LIGHTS
12.5. TAIL LIGHTS
12.6. TAIL LIGHTS (FEATURE CODE 0008TUL)
12.7. TAIL LIGHTS (FEATURE CODE 0008TUK)
12.8. CENTER HIGH MOUNTED STOP LIGHT
12.9. EXTERIOR REARVIEW MIRRORS

[Diagram of electrical circuit diagram for exterior rearview mirrors with labels for various components and connections such as X10, X10a, X10b, etc.]
12.10. CLEARANCE LIGHTS

ELECTRICAL CIRCUIT DIAGRAM MANUAL
12.11. INTERIOR LIGHTING
12.12. INTERIOR LIGHTING
12.13. INTERIOR LIGHTING

[Diagram of interior lighting system with various components and connections labeled with part numbers and descriptions.]

- Junction Block - Instrument Panel
- Trailer Brake Control Switch
- Trailer Brake Control Schematics
- Headlamp Switch
- Seat Heating Switch - Driver
- Seat Heating Switch - Passenger
- Chassis Control Module - Auxiliary
- Instrument Cluster
- Info Display Module
- Display Module
12.14. INTERIOR LIGHTING
12.16. INTERIOR LIGHTING

Diagram showing connections and symbols for various interior lighting components such as Body Control Module, Telematics Communication Interface Control Module, Inside Rearview Mirror, Junction Block - Instrument Panel, Window Switch - Driver, Seat Heating Switch - Driver, Seat Heating Switch - Passenger.
12.17. INTERIOR LIGHTING DIMMING
12.18. EXTERIOR LIGHTING SWITCHES
12.19. EXTERIOR LIGHTING SWITCHES
12.20. HEAD LIGHT ASSEMBLY
12.21. FOG LIGHTS
TRANSFER CASE

13.1. TRANSFER CASE CONTROL
13.2. TRANSFER CASE CONTROL

- K71: Transmission Control Module
- X61: Junction Block - Instrument Panel
- B115: Vehicle Speed Sensor
- P16: Instrument Cluster
- A16: Transfer Case Motor
- K20: Engine Control Module

Diagram showing connections and components related to transfer case control.
14.1. TRANSMISSION CONTROL MODULE (TCM)
14.2. TRANSMISSION CONTROL MODULE (TCM)
14.3. TRANSMISSION CONTROL MODULE (TCM)
14.4. POWER TAKE-OFF (PTO)
14.5. POWER TAKE-OFF (PTO)
14.6. SHIFT LOCK CONTROL
15.1. HARNESS ROUTING VIEWS

1. X150 Forward Lamp Harness to Body Harness
2. J102 Forward Lamp Harness
3. J101 Forward Lamp Harness (Feature Code: 0008XJG)
4. X109 Left Headlight Interconnect Harness to Forward Lamp Harness
5. X103
6. J105 Forward Lamp Harness
7. J104 Forward Lamp Harness (Feature Code: 0008XJG)
8. X100
9. X118 Forward Lamp Harness to Right Fog Lamp Interconnect Harness (Feature Code: 0008XJG)
10. X109 Left Headlight Interconnect Harness to Forward Lamp Harness

Figure 173 Forward Light Harness Routing
1. X150 Forward Lamp Harness to Body Harness
2. X109 Left Headlight Jumper Harness to Forward Lamp Harness
3. X108 Forward Lamp Harness to Left Fog Lamp Jumper Harness (T3U)
4. J105 Forward Lamp Harness
5. J104 Forward Lamp Harness (T3U)

Figure 174  Forward Lamp Harness Routing - Left Front
1. X103 Forward Lamp Harness to Horn Jumper Harness
2. X104 Forward Lamp Harness to Radiator Ground Harness
3. J102 Forward Lamp Harness
4. J101 Forward Lamp Harness (0008XJG)
5. JX100 Forward Lamp Harness
6. X119 Right Headlight Jumper Harness to Forward Lamp Harness
7. X118 Forward Lamp Harness to Right Fog Lamp Jumper Harness (0008XJG)

Figure 175  Forward Lamp Harness Routing - Right Front
1. X102 Engine Chassis Harness to Engine Cooling Fan Harness

Figure 176 Engine Cooling Fan Harness Routing
1. X112 Engine Harness to Engine Jumper Harness
2. X113 Engine Harness to Engine Jumper Harness
3. X101 Engine Chassis Harness to Engine Harness

Figure 177  Engine Harness Routing - Left Front
1. J124 Engine Chassis Harness

Figure 178  Engine Harness Routing - Right Front
1. X112 Engine Harness to Engine Jumper Harness
2. X113 Engine Harness to Engine Jumper Harness

Figure 179   Engine Jumper Harness Routing
1. X101 Engine Chassis Harness to Engine Harness
2. X125 Engine Chassis Harness to Chassis Harness
3. X105 Engine Chassis Harness to Engine Chassis Harness
4. X115 Engine Harness to Body Harness
5. J123 Engine Chassis Harness
6. J124 Engine Chassis Harness
7. J126 Engine Chassis Harness

Figure 180  Engine Chassis Harness Routing - Left
1. J196 Engine Chassis Harness
2. J197 Engine Chassis Harness
3. X143 Reductant Control Module Jumper Harness to Engine Chassis Harness
4. X175 Engine Chassis Harness to Transmission Harness
5. J195 Engine Chassis Harness (Feature Code: 0012WGG)
6. X191 Engine Chassis Harness to Engine Chassis Harness (Feature Code: 0012WGG)
7. J194 Engine Chassis Harness (Feature Code: 0012WGG)

Figure 181  Engine Chassis Harness Routing - Right
1. X150 Forward Lamp Harness to Body Harness
2. X138 Chassis Harness To Body Harness
3. J307 Body Harness
4. X115 Engine Harness to Body Harness
5. J367 Body Harness

Figure 182  Body Harness Routing - Engine Compartment
1. X201 Steering Column Harness to Instrument Panel Harness

Figure 183  Body Harness Routing - Engine Compartment
1. X215 HVAC Harness to Instrument Panel Harness
2. J255 HVAC Harness
3. J216 HVAC Harness
4. X217 Body Harness To HVAC Harness
5. X216 Body Harness To HVAC Harness
6. J257 HVAC Harness

**Figure 184  HVAC Assembly Harness Routing**
1. X310 Driver Seat Cushion Harness to Body Harness
2. X312 Driver Seat Back Harness to Driver Seat Cushion Harness (Feature Code: 0016XJR)
3. X311 Driver Seat Back Harness to Driver Seat Cushion Harness (Feature Code: 0016KVV / 0016KVU)
4. J320 Driver Seat Cushion Harness (Feature Code: 0016XJR)
5. J319 Driver Seat Cushion Harness (Feature Code: 0016XJR)

Figure 185  Driver Seat Cushion Harness Routing
1. X311 Driver Seat Back Harness to Driver Seat Cushion Harness ((Feature Code: 0016KVV / 0016KVU)

2. X312 Driver Seat Back Harness to Driver Seat Cushion Harness (Feature Code: 0016XJR)

Figure 186  Driver Seat Back Harness Routing
1. X320 Passenger Seat Cushion Harness to Body Harness (Feature Code: 0016KVV / AG2 / 0016XJR)
2. J321 Passenger Seat Cushion Harness (Feature Code: 0016XJR)
3. X322 Passenger Seat Back Harness to Passenger Seat Cushion Harness (Feature Code: 0016KVV / AG2)
4. X321 Passenger Seat Back Harness to Passenger Seat Cushion Harness (Feature Code: 0016XJR)

**Figure 187  Passenger Seat Cushion Harness Routing**
1. X322 Passenger Seat Back Harness to Passenger Seat Cushion Harness (Feature Code: 0016XJR)

2. X321 Passenger Seat Back Harness to Passenger Seat Cushion Harness (Feature Code: 0016KVV / AG2)

Figure 188  Passenger Seat Back Harness Routing
Figure 189  Floor Console Harness Routing (Feature Code: 0016XCN)
1. X245 Antenna Jumper Harness
   COAX to Antenna Jumper Harness
   COAX

**Figure 190** Radio COAX Routing
1. J241 Instrument Panel Harness
2. J242 Instrument Panel Harness
3. X222 Instrument Panel Harness COAX to Antenna Jumper Harness COAX (Feature Code: 0008AAE)
4. J215 Instrument Panel Harness
5. X210 Instrument Panel Harness COAX to Antenna Jumper Harness COAX (Feature Code: 0008RNV)
6. X215 HVAC Harness to Instrument Panel Harness
7. X205 Instrument Panel Harness to Passenger Instrument Panel Air Bag Harness
8. J251 Instrument Panel Harness (Feature Code: 0008RNM)
11. J289 Instrument Panel Harness
12. X305 Instrument Panel Harness to Headliner Harness
14. X201 Steering Column Harness to Instrument Panel Harness
15. J210 Instrument Panel Harness
17. J201 Instrument Panel Harness
18. J212 Instrument Panel Harness
19. JX200 Instrument Panel Harness
20. X225 Body Harness To Instrument Panel Harness
21. J211 Instrument Panel Harness
22. J213 Instrument Panel Harness
24. X301 Body Harness USB to Instrument Panel Harness USB (Without Feature Code: 0016XCN)
25. X275 Instrument Panel Harness to Body Harness

Figure 191 Instrument Panel Harness Routing (Feature Code: 0008RNN or 0008RNM)
1. J241 Instrument Panel Harness
2. J242 Instrument Panel Harness
3. X210 Instrument Panel Harness
   COAX to Antenna Jumper Harness
   COAX (Feature Code: 0008RNV)
4. X222 Instrument Panel Harness
   COAX to Antenna Jumper Harness
   COAX (Feature Code: 0008AAE)
5. X211 Instrument Panel Harness
   COAX to Antenna Jumper Harness
   COAX (Feature Code: 0008RNX without 0008AAE)
6. X215 HVAC Harness to Instrument Panel Harness
7. J249 Instrument Panel Harness
   (Feature Code: 0008RNW / 0008RNX)
8. J220 Instrument Panel Harness
9. J290 Instrument Panel Harness
   (Feature Code: 0008XJP / 14899)
10. J240 Instrument Panel Harness
    (Feature Code: 0016XCN / 0016XJX)
11. J245 Instrument Panel Harness
    (Feature Code: 0016XJR)
12. J289 Instrument Panel Harness
13. X305 Instrument Panel Harness
    to Headliner Harness
15. X201 Steering Column Harness
    to Instrument Panel Harness
17. J200 Instrument Panel Harness
18. J201 Instrument Panel Harness
19. JX200 Instrument Panel Harness
20. J212 Instrument Panel Harness
21. X225 Body Harness To
    Instrument Panel Harness
22. J211 Instrument Panel Harness
23. X300 Instrument Panel Harness
    to Floor Console Harness (Feature Code: 0016XCN)
24. X309 Center Console Harness
    USB to Instrument Panel Harness
    USB (Feature Code: 0016XCN)
25. X205 Instrument Panel Harness
    to Passenger Instrument Panel Air
    Bag Harness
27. X301 Body Harness USB to Instrumental Panel Harness USB (Without Feature Code: 0016XCN)

28. X275 Instrument Panel Harness to Body Harness

Figure 192 Instrument Panel Harness Routing (Feature Code: 0008RNW or 0008RNX)
1. J292 Right A-Pillar Harness
2. X319 Overhead Console Harness to Right A-Pillar Harness (Feature Code: 0008XKS)
3. J293 Right A-Pillar Harness
4. X210 Instrument Panel Harness COAX to Antenna Jumper Harness COAX (Feature Code: 0008RNV)
5. X222 Instrument Panel Harness COAX to Antenna Jumper Harness COAX (Feature Code: 0008AAE)

Figure 193  Right A-Pillar Harness Routing
1. X317 Headliner Harness to Center High Mounted Stop Lamp Harness
2. J317 Headliner Harness (Crew Cab)
3. X305 Instrument Panel Harness to Headliner Harness
4. J310 Headliner Harness (Crew Cab / 0016XCS)
5. J312 Headliner Harness (Crew Cab)
6. J332 Headliner Harness
7. X316 Headliner Harness to Overhead Console Harness

Figure 194  Headliner Harness Routing
1. X700 Left Rear Door Harness to Body Harness (Crew Cab)
2. J350 Body Harness (Feature Code: 0008RNM / 0008RNY)
3. X310 Driver Seat Cushion Harness to Body Harness
4. J365 Body Harness
5. J309 Body Harness (Feature Code: 0008HBW / 0013TLP (0013WDB))
6. J383 Body Harness
7. J384 Body Harness (Feature Code: 0016WAK)
8. J301 Body Harness
10. J357 Body Harness
11. X500 Driver Door Harness to Body Harness
12. W33 Blunt Cut - Master Disconnect Switch Indicator Provision
13. J300 Body Harness
14. W31 Blunt Cut - Crank Inhibit Provision
15. W32 Blunt Cut - Master Disconnect Switch Provision
17. X315 Body Harness to Brake Clutch Harness
18. J304 Body Harness
19. X225 Body Harness To Instrument Panel Harness
20. J367 Body Harness
21. J360 Body Harness
22. J370 Body Harness (Crew Cab)

Figure 195  Body Harness Routing - Passenger Compartment Left
1. X216 Body Harness To HVAC Harness
2. X600 Passenger Door Harness to Body Harness
3. X217 Body Harness To HVAC Harness
4. J373 Body Harness
5. J361 Body Harness (Crew Cab)
6. J331 Body Harness (Crew Cab)
7. X320 Passenger Seat Cushion Harness to Body Harness (Feature Code: 0016KVV / AG2 / 0016XJR)
8. X800 Right Rear Door Harness to Body Harness (Crew Cab)
10. X314 Center Seat Harness to Body Harness (Without Feature Code: 0016XCN)
11. X313 Body Harness USB to Center Seat Harness USB (Without Feature Code: 0016XCN)
12. J366 Body Harness (Crew Cab)
13. JX200 Instrument Panel Harness
14. X275 Instrument Panel Harness to Body Harness
15. X301 Body Harness USB to Instrumental Panel Harness USB (Without Feature Code: 0016XCN)

Figure 196  Body Harness Routing - Passenger Compartment Right
1. J515 Driver Door Harness
2. X506 Driver Door Trim Harness to Driver Door Harness (Without Feature Code: 0016WAK)
3. X500 Driver Door Harness to Body Harness
4. X606 Passenger Door Trim Harness to Passenger Door

Figure 197  Driver Door and Passenger Door Harness Routing (Without Feature Code: 0016WAK)
1. X510 Outside Rearview Mirror - Driver Harness to Driver Door Harness (Feature Code: 0016SPS)
2. X500 Driver Door Harness to Body Harness
3. J550 Driver Door Harness (Feature Code: 0016WAK)
4. J515 Driver Door Harness
5. J519 Driver Door Trim Harness (Feature Code: 0016SPS)
6. X505 Driver Door Harness To Driver Door Trim Harness (Feature Code: 0016WAK)

Figure 198  Driver Door and Driver Door Trim Harness Routing (Feature Code: 0016WAK)
1. J615 Passenger Door Harness
2. X605 Passenger Door Harness to Passenger Door Trim Harness (Feature Code: 0016WAK)
3. X611 Outside Rearview Mirror – Passenger Harness to Passenger Door Harness (Feature Code: 0016SPS)
4. X605 Passenger Door Harness to Passenger Door Trim Harness (Feature Code: 0016WAK)
5. J615 Passenger Door Harness
6. X610 Outside Rearview Mirror - Passenger Harness to Passenger Door Harness (Feature Code: 0016SPS)
7. X600 Passenger Door Harness to Body Harness

Figure 199  Passenger Door and Passenger Door Trim Harness Routing (Feature Code: 0016WAK)
1. X700 Left Rear Door Harness to Body Harness (Crew Cab)
2. J715 Left Rear Door Harness (Crew Cab)
3. X800 Right Rear Door Harness to Body Harness (Crew Cab)
4. J815 Right Rear Door Harness (Crew Cab)

Figure 200  Left Rear Door and Right Rear Door Harness Routing (Crew Cab)
1. X330 Chassis Harness to Battery Feed Harness (0008MVZ / 0008MWA)
2. J490 Chassis Harness
3. X401 Chassis Rear Left Harness to Chassis Harness
4. J417 Chassis Harness (0015DSZ)
5. J418 Chassis Harness (0015SZN)
6. J420 Chassis Harness (0008HXV / 0008HXU)
7. J421 Chassis Harness (0008HXV / 0008HXU)
8. J422 Chassis Harness (0008HXV / 0008HXU / 0016SPT)
9. J423 Chassis Harness (0008HXV / 0008HXU)
10. J400 Chassis Harness
11. X430 Chassis Harness to Battery Feed Harness (0008MSD)
12. J411 Chassis Harness (0008HXV / 0008HXU)
13. JX301 Chassis Harness
14. X138 Chassis Harness to Body Harness
15. J138 Chassis Harness (0008RNY)
16. J139 Chassis Harness
17. X180 Brake Booster Harness to Chassis Harness
18. X125 Engine Chassis Harness to Chassis Harness
19. J395 Chassis Harness
20. J396 Chassis Harness
21. J397 Chassis Harness
22. J398 Chassis Harness
23. JX302 Chassis Harness
24. J399 Chassis Harness
25. X405 Body Builder Connection Harness to Chassis Harness (0008HXV)

26. X455 Chassis Harness to Chassis Rear Right Harness (0008HXU)
27. X402 Chassis Rear Right Harness to Chassis Harness
28. J401 Chassis Harness (0015DSZ / 0015SZP)
29. J419 Chassis Harness (0008RNY)

Figure 201  Chassis Harness Routing
1. J450 Chassis Rear Left Harness
2. X401 Chassis Rear Left Harness to Chassis Harness

Figure 202  Chassis Rear Left Harness Routing
1. X455 Chassis Harness to Chassis Rear Right Harness (0008HXU)
2. J460 Chassis Rear Right Harness (0015SZN)
3. J461 Chassis Rear Right Harness (0008RNY)
4. JX402 Chassis Rear Right Harness
5. X499 Rearview Camera Jumper Harness to Chassis Rear Right Harness (0008RNY)
6. X495 Body Builder Connection Harness to Chassis Rear Right Harness (0008HXU)
7. J462 Chassis Rear Right Harness (0008RNY)
8. J463 Chassis Rear Right Harness (0015SZN)
9. X402 Chassis Rear Right Harness to Chassis Harness

**Figure 203  Chassis Rear Right Harness Routing**
## 15.2. COMPONENT LOCATOR

**Master Electrical Component List**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3L</td>
<td>Sunshade - Left</td>
<td>Feature Code: 0016XCS</td>
<td>In the passenger compartment, at the front of the headliner</td>
<td>Headliner Components page 306</td>
</tr>
<tr>
<td>A3R</td>
<td>Sunshade - Right</td>
<td>Feature Code: 0016XCS</td>
<td>In the passenger compartment, at the front of the headliner</td>
<td>Headliner Components. page 306</td>
</tr>
<tr>
<td>A6C</td>
<td>Fuel Pump and Level Sensor Assembly - Primary</td>
<td>• Feature Code: 0015DSZ / 0015SZP</td>
<td>• Under the vehicle, mounted in the front fuel tank</td>
<td>Rear of Frame Components. page 323</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Feature Code: 0015SZN</td>
<td>• Under the vehicle, mounted in the rear fuel tank</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Under the vehicle, mounted in the front fuel tank</td>
<td></td>
</tr>
<tr>
<td>A6D</td>
<td>Fuel Pump and Level Sensor Assembly - Secondary</td>
<td>Feature Code: 0015DSZ</td>
<td>Under the vehicle, mounted in the rear fuel tank</td>
<td>Rear of Frame Components. page 323</td>
</tr>
<tr>
<td>A9A</td>
<td>Outside Rearview Mirror - Driver</td>
<td>Feature Code: 0016SPS</td>
<td>Outside the vehicle, at the front of the driver door</td>
<td>Front of Vehicle Components. page 281</td>
</tr>
<tr>
<td>A9B</td>
<td>Outside Rearview Mirror - Passenger</td>
<td>—</td>
<td>Outside the vehicle, at the front of the passenger door</td>
<td>Front of Vehicle Components page 281</td>
</tr>
<tr>
<td>A10</td>
<td>Inside Rearview Mirror</td>
<td>Feature Code: 0016ACB / 0008AAE</td>
<td>In the passenger compartment, at the top center of the windshield</td>
<td>Headliner Components page 306</td>
</tr>
<tr>
<td>A11</td>
<td>Radio</td>
<td>—</td>
<td>In the passenger compartment, in the center of the Instrument Panel behind Info Display Module, P17</td>
<td>Inside Center of Instrument Panel Components page 299</td>
</tr>
<tr>
<td>A16</td>
<td>Transfer Case Motor</td>
<td>Feature Code: 0013TLP</td>
<td>Under the vehicle, mounted to the transfer case</td>
<td>Transmission and Transfer Case Components page 293</td>
</tr>
<tr>
<td>A22</td>
<td>Radio Controls</td>
<td>• Feature Code: 0008RNN / 0008RNM / 0008RNX</td>
<td>• In the passenger compartment, at the center of the Instrument Panel, part of Info Display Module, P17</td>
<td>Front of Instrument Panel Components page 297</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Feature Code: 0008RNV</td>
<td>• In the passenger compartment, at the center of the Instrument Panel, below Info Display Module, P17</td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
<td>------</td>
<td>------------------------------------------------</td>
<td>--------</td>
<td>-----------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>A23D</td>
<td>Door Latch Assembly - Driver</td>
<td>—</td>
<td>At the rear of the driver door</td>
<td>Driver Door Components page 312</td>
</tr>
<tr>
<td>A23LR</td>
<td>Door Latch Assembly - Left Rear</td>
<td>Crew Cab</td>
<td>At the rear of the left rear door</td>
<td>Left Rear Door Components (Crew Cab) page 314</td>
</tr>
<tr>
<td>A23P</td>
<td>Door Latch Assembly - Passenger</td>
<td>—</td>
<td>At the rear of the passenger door</td>
<td>Passenger Door Components page 313</td>
</tr>
<tr>
<td>A23RR</td>
<td>Door Latch Assembly - Right Rear</td>
<td>Crew Cab</td>
<td>At the rear of the right rear door</td>
<td>Right Rear Door Components (Crew Cab) page 315</td>
</tr>
<tr>
<td>A26</td>
<td>HVAC Controls</td>
<td>—</td>
<td>In the passenger compartment, at the center of the instrument panel</td>
<td>Front of Instrument Panel Components page 297</td>
</tr>
<tr>
<td>A33</td>
<td>Media Disc Player</td>
<td>Feature Code: 0008RNS</td>
<td>In the passenger compartment, at the center of the Instrument Panel, behind Info Display Module, P17</td>
<td>Inside Center of Instrument Panel Components page 299</td>
</tr>
<tr>
<td>A38</td>
<td>Reductant Pump and Sensor Assembly</td>
<td>—</td>
<td>Under the vehicle, mounted to the outboard side of the frame, below the passenger side of the cab</td>
<td>Below Right Side of Cab Components page 317</td>
</tr>
<tr>
<td>B1</td>
<td>A / C Refrigerant Pressure Sensor</td>
<td>Feature Code: 0016XZA</td>
<td>In the engine compartment, at front of the engine, mounted to A / C pipe</td>
<td>Left Front of Engine Components page 288</td>
</tr>
<tr>
<td>B5LF</td>
<td>Wheel Speed Sensor - Left Front</td>
<td>—</td>
<td>Under the vehicle, mounted the left front knuckle</td>
<td>—</td>
</tr>
<tr>
<td>B5LR</td>
<td>Wheel Speed Sensor - Left Rear</td>
<td>—</td>
<td>Under the vehicle, mounted to the outboard end of the left axle tube</td>
<td>—</td>
</tr>
<tr>
<td>B5RF</td>
<td>Wheel Speed Sensor - Right Front</td>
<td>—</td>
<td>Under the vehicle, mounted the right front knuckle</td>
<td>—</td>
</tr>
<tr>
<td>B5RR</td>
<td>Wheel Speed Sensor - Right Rear</td>
<td>—</td>
<td>Under the vehicle, mounted to the outboard end of the right axle tube</td>
<td>—</td>
</tr>
<tr>
<td>B9D</td>
<td>Ambient Air Temperature Sensor - Mirror</td>
<td>—</td>
<td>Outside the vehicle, at the front of the passenger door, within Passenger Outside Rearview Mirror, A9B</td>
<td>—</td>
</tr>
<tr>
<td>B10B</td>
<td>Ambient Light / Sunload Sensor</td>
<td>—</td>
<td>In the passenger compartment, at the top middle of the instrument panel</td>
<td>Front of Instrument Panel Components page 297</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
<td>------</td>
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<td>--------------------------------------------------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>B12A</td>
<td>Transmission Fluid Pressure Switch</td>
<td>—</td>
<td>Under the vehicle, inside of assembly, Automatic Transmission Assembly, T12</td>
<td>—</td>
</tr>
<tr>
<td>B13</td>
<td>Transmission Fluid Temperature Sensor</td>
<td>—</td>
<td>Under the vehicle, inside of assembly, Automatic Transmission Assembly, T12, part of the Transmission Fluid Pressure Switch, B12A</td>
<td>—</td>
</tr>
<tr>
<td>B14A</td>
<td>Transmission Output Shaft Speed Sensor</td>
<td>—</td>
<td>Under the vehicle, mounted to Automatic Transmission Assembly, T12, near rear</td>
<td>Transmission and Transfer Case Components page 293</td>
</tr>
<tr>
<td>B14B</td>
<td>Transmission Turbine Speed Sensor</td>
<td>—</td>
<td>Under the vehicle, mounted to Automatic Transmission Assembly, T12, near front</td>
<td>Transmission and Transfer Case Components page 293</td>
</tr>
<tr>
<td>B15</td>
<td>Transmission Internal Mode Switch</td>
<td>—</td>
<td>Under the vehicle, inside of assembly, Automatic Transmission Assembly, T12</td>
<td>—</td>
</tr>
<tr>
<td>B20</td>
<td>Brake Fluid Level Switch</td>
<td>—</td>
<td>In the engine compartment, mounted to the brake fluid reservoir</td>
<td>Brake Booster Components page 286</td>
</tr>
<tr>
<td>B21C</td>
<td>Brake Pressure Differential Switch</td>
<td>—</td>
<td>In the engine compartment, mounted to the brake master cylinder</td>
<td>Brake Booster Components page 286</td>
</tr>
<tr>
<td>B22</td>
<td>Brake Pedal Position Sensor</td>
<td>—</td>
<td>In the passenger compartment, in the driver side foot-well, under the instrument panel</td>
<td>Bulkhead Components Interior page 294</td>
</tr>
<tr>
<td>B23</td>
<td>Camshaft Position Sensor</td>
<td>—</td>
<td>In the engine compartment, at the front of the engine, mounted the timing chain cover, above crankshaft pulley</td>
<td>Front of Engine Components page 291</td>
</tr>
<tr>
<td>B24</td>
<td>Mobile Telephone Microphone</td>
<td>Feature Code: 0008RNW / 0008RNX / 0008RNM / 0008AAE</td>
<td>In the passenger compartment, in the left side of the overhead console</td>
<td>Headliner Components page 306</td>
</tr>
<tr>
<td>B26</td>
<td>Crankshaft Position Sensor</td>
<td>—</td>
<td>In the engine compartment, mounted to the right side of the engine block, at rear</td>
<td>Right Side of Engine Components page 290</td>
</tr>
<tr>
<td>B33</td>
<td>Engine Coolant Level Switch</td>
<td>—</td>
<td>In the engine compartment, right rear, in the engine coolant reservoir</td>
<td>Bulkhead Components - Engine Compartment page 287</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
<td>------</td>
<td>------------------------------------------</td>
<td>--------</td>
<td>--------------------------------------------------------------------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>B34</td>
<td>Engine Coolant Temperature Sensor</td>
<td>—</td>
<td>In the engine compartment, top front of the engine, next to the thermostat housing</td>
<td>Top of Engine Components page 292</td>
</tr>
<tr>
<td>B35</td>
<td>Engine Oil Level Switch</td>
<td>—</td>
<td>In the engine compartment, bottom left of the engine oil pan</td>
<td>Left Front of Engine Components page 288</td>
</tr>
<tr>
<td>B37B</td>
<td>Engine Oil Pressure Sensor</td>
<td>—</td>
<td>In the engine compartment, mounted to the right side of engine block at rear</td>
<td>Left Front of Engine Components page 288</td>
</tr>
<tr>
<td>B39</td>
<td>A / C Evaporator Temperature Sensor</td>
<td>Feature Code: 0016XZA</td>
<td>In the passenger compartment, behind the instrument panel, mounted in the rear of the HVAC housing</td>
<td>Back of HVAC Assembly Components page 296</td>
</tr>
</tbody>
</table>
| B46A | Fuel Level Sensor - Primary              | Feature Code: 0015DSZ / 0015SZP | • Under the vehicle, inside the front fuel tank, part of the Primary Fuel Pump and Level Sensor Assembly, A6C  
• Under the vehicle, inside the rear fuel tank, part of the Primary Fuel Pump and Level Sensor Assembly, A6C | —                                |
| B46B | Fuel Level Sensor - Secondary            | Feature Code: 0015DSZ | Under the vehicle, inside the rear fuel tank, part of the Secondary Fuel Pump and Level Sensor Assembly, A6D | —                                |
| B47  | Fuel Pressure Sensor                     | —      | Under the vehicle, mounted fuel pipe, along the left frame rail, under left side of cab | —                                |
| B47B | Fuel Rail Pressure Sensor                | —      | In the engine compartment, at the top of the engine, mounted to the fuel rail at front | Top of Engine Components page 292         |
| B55  | Engine Hood Switch                       | Feature Code: 0012VEG | At the front vehicle, mounted to the hood, near the left Headlight       | Radiator Support Components page 284      |
| B59  | Front Impact Sensor                      | —      | In the engine compartment, at the center of front frame cross-member     | Front of Frame Components page 287        |
| B63LF| Side Impact Sensor - Left Front          | —      | In the left front door, near center, mounted to door structure           | Driver Door Components page 312           |
Table 10  Master Electrical Component List (cont.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>B63LR</td>
<td>Side Impact Sensor - Left Rear</td>
<td>Crew Cab</td>
<td>In the left rear door, near center, mounted to door structure</td>
<td>Left Rear Door Components (Crew Cab) page 314</td>
</tr>
<tr>
<td>B63RF</td>
<td>Side Impact Sensor - Right Front</td>
<td>—</td>
<td>In the right front door, near center, mounted to door structure</td>
<td>Passenger Door Components page 313</td>
</tr>
<tr>
<td>B63RR</td>
<td>Side Impact Sensor - Right Rear</td>
<td>Crew Cab</td>
<td>In the right rear door, near center, mounted to door structure</td>
<td>Right Rear Door Components (Crew Cab) page 315</td>
</tr>
<tr>
<td>B65</td>
<td>Intake Manifold Pressure and Air Temperature Sensor</td>
<td>—</td>
<td>In the engine compartment, at front of engine, mounted to the upper intake manifold</td>
<td>Top of Engine Components page 292</td>
</tr>
<tr>
<td>B75C</td>
<td>Multifunction Intake Air Sensor</td>
<td>—</td>
<td>In the engine compartment, front, right of center, in air intake tube, near the air filter housing</td>
<td>Left Front of Engine Components page 288</td>
</tr>
<tr>
<td>B80</td>
<td>Park Brake Switch</td>
<td>—</td>
<td>In the passenger compartment, at the left side of the driver foot-well</td>
<td>Bulkhead Components Interior page 294</td>
</tr>
<tr>
<td>B87</td>
<td>Rearview Camera</td>
<td>Feature Code: 0008RNY</td>
<td>At the rear of vehicle, on right frame rail</td>
<td>—</td>
</tr>
<tr>
<td>B88D</td>
<td>Seat Belt Switch - Driver</td>
<td>—</td>
<td>In the passenger compartment, at the inboard side of the driver seat, part of Driver Seat Belt Buckle, B153D</td>
<td>Front of Driver Seat Components page 283</td>
</tr>
<tr>
<td>B107</td>
<td>Accelerator Pedal Position Sensor</td>
<td>—</td>
<td>In the passenger compartment, in the driver side foot-well, under the instrument panel</td>
<td>Bulkhead Components Interior page 294</td>
</tr>
<tr>
<td>B115</td>
<td>Vehicle Speed Sensor</td>
<td>• Without Feature Code: 0013TLP • 0013TLP</td>
<td>• Under the vehicle, at the rear of Automatic Transmission Assembly, T12 • Under the vehicle, at the rear of the transfer case</td>
<td>Transmission and Transfer Case Components page 293</td>
</tr>
<tr>
<td>B118B</td>
<td>Windshield Washer Fluid Level Switch</td>
<td>—</td>
<td>The the engine compartment, right rear, in the washer fluid reservoir</td>
<td>Bulkhead Components - Engine Compartment page 287</td>
</tr>
<tr>
<td>B130A</td>
<td>EGRIT (Exhaust Gas Recirculation Temperature Sensor 1)</td>
<td>—</td>
<td>In the engine compartment, on right side of the engine, mounted to the exhaust manifold</td>
<td>Right Side of Engine Components page 290</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
<td>--------</td>
<td>-------------------------------------------</td>
<td>--------</td>
<td>--------------------------------------------------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>B130B</td>
<td>EGROT (Exhaust Gas Recirculation Temperature Sensor 2)</td>
<td>—</td>
<td>In the engine compartment, at right front of the engine, in the exhaust gas recirculation pipe, near intake manifold</td>
<td>Top of Engine Components page 292</td>
</tr>
<tr>
<td>B131A</td>
<td>DOCIT (Exhaust Temperature Sensor 1)</td>
<td>—</td>
<td>In the engine compartment, at the center rear of the engine, mounted on right front of Oxidation Catalytic Converter</td>
<td>Top of Engine Components page 292</td>
</tr>
<tr>
<td>B131B</td>
<td>DOCOT (Exhaust Temperature Sensor 2)</td>
<td>—</td>
<td>In the engine compartment, at the rear of the engine right of center, mounted to the exhaust pipe after the Oxidation Catalytic Converter</td>
<td>Top of Engine Components page 292</td>
</tr>
<tr>
<td>B131C</td>
<td>DPFIT (Exhaust Temperature Sensor 3)</td>
<td>—</td>
<td>Under the vehicle, attached to the exhaust pipe, forward of the diesel particulate filter</td>
<td>Right Side of Frame Components page 322</td>
</tr>
<tr>
<td>B131D</td>
<td>DPFO (Exhaust Temperature Sensor 4)</td>
<td>—</td>
<td>Under the vehicle, attached to the middle of the diesel particulate filter</td>
<td>Right Side of Frame Components page 322</td>
</tr>
<tr>
<td>B131E</td>
<td>Exhaust Temperature Sensor 5</td>
<td>—</td>
<td>Under the vehicle, attached to the exhaust pipe, rearward of the diesel particulate filter</td>
<td>Right Side of Frame Components page 322</td>
</tr>
<tr>
<td>B136</td>
<td>Exhaust Particulate Matter Sensor</td>
<td>—</td>
<td>Under the vehicle, attached to the exhaust pipe, rearward of the diesel particulate filter</td>
<td>Right Side of Frame Components page 322</td>
</tr>
<tr>
<td>B153D</td>
<td>Seat Belt Buckle - Driver</td>
<td>—</td>
<td>In the passenger compartment, at the inboard side of the driver seat</td>
<td>Right Side of Frame Components page 322</td>
</tr>
<tr>
<td>B154</td>
<td>Diesel Particulate Filter Exhaust Differential Pressure Sensor</td>
<td>—</td>
<td>Under the vehicle, mounted to the right frame rail, near the diesel particulate filter</td>
<td>Right Side of Frame Components page 322</td>
</tr>
<tr>
<td>B193A</td>
<td>Charge Air Cooler Inlet Temperature Sensor</td>
<td>—</td>
<td>In the engine compartment, mounted in the air inlet tube, below Turbocharger Vane Position Actuator, M103</td>
<td>Top of Engine Components page 292</td>
</tr>
<tr>
<td>B193B</td>
<td>Charge Air Cooler Outlet Temperature Sensor</td>
<td>—</td>
<td>In the engine compartment, mounted in the air inlet tube, near Intake Air Flow Valve, Q20</td>
<td>Left Front of Engine Components page 288</td>
</tr>
<tr>
<td>B194</td>
<td>Reductant Pressure Sensor</td>
<td>—</td>
<td>Inside of Assembly, Reductant Pump and Sensor Assembly, A38</td>
<td>—</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
<td>---------</td>
<td>-------------------------------------------</td>
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<td>-------------------------------------------------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>B195A</td>
<td>Nitrogen Oxides Sensor 1</td>
<td>—</td>
<td>In the engine compartment, at the center rear of the engine, mounted on left front of Oxidation Catalytic Converter</td>
<td>Bulkhead Components - Engine Compartment page 287</td>
</tr>
<tr>
<td>B195B</td>
<td>Nitrogen Oxides Sensor 2</td>
<td>—</td>
<td>Under the vehicle, attached to the exhaust pipe</td>
<td>Right Side of Frame Components page 322</td>
</tr>
<tr>
<td>B213A</td>
<td>Reductant Level Sensor 1</td>
<td>—</td>
<td>Inside of Assembly, Reductant Pump and Sensor Assembly, A38</td>
<td>—</td>
</tr>
<tr>
<td>B214</td>
<td>Reductant Temperature Sensor</td>
<td>—</td>
<td>Inside of Assembly, Reductant Pump and Sensor Assembly, A38</td>
<td>—</td>
</tr>
<tr>
<td>B295</td>
<td>Reductant Quality Sensor</td>
<td>—</td>
<td>Under the vehicle, mounted to reductant reservoir, below the passenger side of the cab</td>
<td>—</td>
</tr>
<tr>
<td>B343</td>
<td>Power Brake Booster Fluid Flow Switch</td>
<td>—</td>
<td>In the engine compartment, left rear, on the front of the brake booster at the top</td>
<td>Brake Booster Components page 286</td>
</tr>
<tr>
<td>B353</td>
<td>Air Suspension Low Pressure Warning Switch</td>
<td>G40 / GP1 / GP8</td>
<td>In the engine compartment, right front, at front of right frame rail, at front of air dryer assembly</td>
<td>Front of Frame Components page 287</td>
</tr>
<tr>
<td>B356</td>
<td>Brake Pipe Pressure Switch</td>
<td>—</td>
<td>In the engine compartment, left rear, on brake pipe below M9 Brake Booster Pump Motor</td>
<td>Brake Booster Components page 286</td>
</tr>
<tr>
<td>C1</td>
<td>Battery</td>
<td>• Feature Code: 0008MVZ / 0008MWA • Feature Code: 0008MSD</td>
<td>• Outside the vehicle, under the driver door, in battery box • Outside the vehicle, rear of cab, on temporary frame mount</td>
<td>• Battery Box Components (0008MVZ / 0008MWA) page 318 • Rear of Vehicle Components page 316</td>
</tr>
<tr>
<td>C1BA</td>
<td>Battery - Auxiliary 1</td>
<td>—</td>
<td>(0008MVZ / 0008MWA) Outside the vehicle, under the driver door, in battery box, front position • 0008MSD Outside the vehicle, rear of cab, on temporary battery mount, center position</td>
<td>• Battery Box Components (0008MVZ / 0008MWA) page 318 • Rear of Vehicle Components page 316</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
<td>-------</td>
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<td>--------------------------------------------------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>C1BB</td>
<td>Battery - Auxiliary 2</td>
<td>0008MSD</td>
<td>Outside the vehicle, rear of cab, on temporary battery mount, right position</td>
<td>Rear of Vehicle Components page 316</td>
</tr>
<tr>
<td>E1L</td>
<td>Accent Lamp - Overhead Console</td>
<td>—</td>
<td>In the passenger compartment, at the front of the headliner, in the overhead console</td>
<td>Overhead Console Components (Figure 205)</td>
</tr>
<tr>
<td>E2LM</td>
<td>Side Marker Lamp - Left Middle</td>
<td>Feature Code: 0016SPS</td>
<td>Outside the vehicle, at the front of the driver door, within Driver Outside Rearview Mirror, A9A</td>
<td>Front of Vehicle Components page 281</td>
</tr>
<tr>
<td>E2RM</td>
<td>Side Marker Lamp - Right Middle</td>
<td>Feature Code: 0016SPS</td>
<td>Outside the vehicle, at the front of the passenger door, within Passenger Outside Rearview Mirror, A9B</td>
<td>Front of Vehicle Components page 281</td>
</tr>
<tr>
<td>E3A</td>
<td>Roof Clearance Lamp - Left Front Outer</td>
<td>—</td>
<td>Outside the vehicle, at the front of the roof</td>
<td>Front of Vehicle Components page 281</td>
</tr>
<tr>
<td>E3C</td>
<td>Roof Clearance Lamp - Front Middle</td>
<td>—</td>
<td>Outside the vehicle, at the front of the roof</td>
<td>Front of Vehicle Components page 281</td>
</tr>
<tr>
<td>E3E</td>
<td>Roof Clearance Lamp - Right Front Outer</td>
<td>—</td>
<td>Outside the vehicle, at the front of the roof</td>
<td>Front of Vehicle Components page 281</td>
</tr>
<tr>
<td>E4E</td>
<td>Headlight - Left High Beam</td>
<td>—</td>
<td>Outside the vehicle, at the left front corner, within Left Headlight Assembly, E13LA</td>
<td>Front of Vehicle Components page 281</td>
</tr>
<tr>
<td>E4F</td>
<td>Headlight - Right High Beam</td>
<td>—</td>
<td>Outside the vehicle, at the left front corner, within Right Headlight Assembly, E13RA</td>
<td>Front of Vehicle Components page 281</td>
</tr>
<tr>
<td>E4G</td>
<td>Headlight - Left Low Beam</td>
<td>—</td>
<td>Outside the vehicle, at the left front corner, within Left Headlight Assembly, E13LA</td>
<td>Front of Vehicle Components page 281</td>
</tr>
<tr>
<td>E4H</td>
<td>Headlight - Right Low Beam</td>
<td>—</td>
<td>Outside the vehicle, at the left front corner, within Right Headlight Assembly, E13RA</td>
<td>Front of Vehicle Components page 281</td>
</tr>
<tr>
<td>E4Q</td>
<td>Park / Turn Signal Lamp - Left Lower</td>
<td>—</td>
<td>Outside the vehicle, at the left front corner, within Left Headlight Assembly, E13LA</td>
<td>Front of Vehicle Components page 281</td>
</tr>
<tr>
<td>E4R</td>
<td>Park / Turn Signal Lamp - Right Lower</td>
<td>—</td>
<td>Outside the vehicle, at the left front corner, within Right Headlight Assembly, E13RA</td>
<td>Front of Vehicle Components page 281</td>
</tr>
</tbody>
</table>
### Table 10  Master Electrical Component List (cont.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>E4S</td>
<td>Park / Turn Signal Lamp - Left Upper</td>
<td>—</td>
<td>Outside the vehicle, at the left front corner, within Left Headlight Assembly, E13LA</td>
<td>Front of Vehicle Components page 281</td>
</tr>
<tr>
<td>E4T</td>
<td>Park / Turn Signal Lamp - Right Upper</td>
<td>—</td>
<td>Outside the vehicle, at the left front corner, within Right Headlight Assembly, E13RA</td>
<td>Front of Vehicle Components page 281</td>
</tr>
<tr>
<td>E4Y</td>
<td>Turn Signal Repeater Lamp - Left</td>
<td>Feature Code: 0016SPS</td>
<td>Outside the vehicle, at the front of the driver door, within Driver Outside Rearview Mirror, A9A</td>
<td>Rear of Vehicle Components page 316</td>
</tr>
<tr>
<td>E4Z</td>
<td>Turn Signal Repeater Lamp - Right</td>
<td>Feature Code: 0016SPS</td>
<td>Outside the vehicle, at the front of the passenger door, within Passenger Outside Rearview Mirror, A9B</td>
<td>Rear of Vehicle Components page 316</td>
</tr>
<tr>
<td>E5A</td>
<td>Backup Lamp - Left</td>
<td>Without Feature Code: 0008TKD</td>
<td>Outside the vehicle, at the left rear of the vehicle, within Left Tail Lamp Assembly, E42L</td>
<td>—</td>
</tr>
<tr>
<td>E5B</td>
<td>Backup Lamp - Right</td>
<td>Without Feature Code: 0008TKD</td>
<td>Outside the vehicle, at the left rear of the vehicle, within Right Tail Lamp Assembly, E42R</td>
<td>—</td>
</tr>
<tr>
<td>E5S</td>
<td>Tail / Stop and Turn Signal Lamp - Left</td>
<td>Without Feature Code: 0008TKD</td>
<td>Outside the vehicle, at the left rear of the vehicle, within Left Tail Lamp Assembly, E42L</td>
<td>—</td>
</tr>
<tr>
<td>E5T</td>
<td>Tail / Stop and Turn Signal Lamp - Right</td>
<td>Without Feature Code: 0008TKD</td>
<td>Outside the vehicle, at the left rear of the vehicle, within Right Tail Lamp Assembly, E42R</td>
<td>—</td>
</tr>
<tr>
<td>E6</td>
<td>Center High Mounted Stop Lamp</td>
<td>—</td>
<td>Outside the vehicle, at the rear center of the roof</td>
<td>Rear of Vehicle Components page 316</td>
</tr>
<tr>
<td>E11A</td>
<td>Fuel Heater / Water in Fuel Sensor</td>
<td>—</td>
<td>Under the vehicle, mounted to the left frame rail, under left side of cab</td>
<td>Left Side of Frame Components page 321</td>
</tr>
<tr>
<td>E12A</td>
<td>Glow Plug 1</td>
<td>—</td>
<td>In the engine compartment, In the bank 1 cylinder head at cylinder 1</td>
<td>Right Side of Engine Components page 290</td>
</tr>
<tr>
<td>E12B</td>
<td>Glow Plug 2</td>
<td>—</td>
<td>In the engine compartment, In the bank 2 cylinder head at cylinder 2</td>
<td>Left Front of Engine Components page 288</td>
</tr>
<tr>
<td>E12C</td>
<td>Glow Plug 3</td>
<td>—</td>
<td>In the engine compartment, In the bank 1 cylinder head at cylinder 3</td>
<td>Right Side of Engine Components page 290</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
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<td>------</td>
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<td>-------------------------------------</td>
</tr>
<tr>
<td>E12D</td>
<td>Glow Plug 4</td>
<td>—</td>
<td>In the engine compartment, In the bank 2 cylinder head at cylinder 4</td>
<td>Left Front of Engine Components. page 288</td>
</tr>
<tr>
<td>E12E</td>
<td>Glow Plug 5</td>
<td>—</td>
<td>In the engine compartment, In the bank 1 cylinder head at cylinder 5</td>
<td>Right Side of Engine Components. page 290</td>
</tr>
<tr>
<td>E12F</td>
<td>Glow Plug 6</td>
<td>—</td>
<td>In the engine compartment, In the bank 2 cylinder head at cylinder 6</td>
<td>Left Front of Engine Components. page 288</td>
</tr>
<tr>
<td>E12G</td>
<td>Glow Plug 7</td>
<td>—</td>
<td>In the engine compartment, In the bank 1 cylinder head at cylinder 7</td>
<td>Right Side of Engine Components. page 290</td>
</tr>
<tr>
<td>E12H</td>
<td>Glow Plug 8</td>
<td>—</td>
<td>In the engine compartment, In the bank 2 cylinder head at cylinder 8</td>
<td>Left Front of Engine Components. page 288</td>
</tr>
<tr>
<td>E13LA</td>
<td>Headlight Assembly - Left</td>
<td>—</td>
<td>Outside the vehicle, at the left front corner</td>
<td>Front of Vehicle Components. page 281</td>
</tr>
<tr>
<td>E13RA</td>
<td>Headlight Assembly - Right</td>
<td>—</td>
<td>Outside the vehicle, at the right front corner</td>
<td>Front of Vehicle Components. page 281</td>
</tr>
<tr>
<td>E14A</td>
<td>Seat Heating Element - Driver Back</td>
<td>Feature Code: 0016XJR</td>
<td>In the passenger compartment, in the driver seat back</td>
<td>Front of Driver Seat Components. page 283</td>
</tr>
<tr>
<td>E14B</td>
<td>Seat Heating Element - Driver Cushion</td>
<td>Feature Code: 0016XJR</td>
<td>In the passenger compartment, in the driver seat cushion</td>
<td>Front of Driver Seat Components. page 283</td>
</tr>
<tr>
<td>E14C</td>
<td>Seat Heating Element - Passenger Back</td>
<td>Feature Code: 0016XJR</td>
<td>In the passenger compartment, in the passenger seat back</td>
<td>Back of Passenger Seat Components. page 310</td>
</tr>
<tr>
<td>E14D</td>
<td>Seat Heating Element - Passenger Cushion</td>
<td>Feature Code: 0016XJR</td>
<td>In the passenger compartment, in the passenger seat cushion</td>
<td>Front of Passenger Seat Components. page 309</td>
</tr>
<tr>
<td>E17D</td>
<td>Outside Rearview Mirror Glass - Driver</td>
<td>Feature Code: 0016SPS</td>
<td>Outside the vehicle, at the front of the driver door, within Driver Outside Rearview Mirror, A9A</td>
<td>Rear of Vehicle Components. page 316</td>
</tr>
<tr>
<td>E17P</td>
<td>Outside Rearview Mirror Glass - Passenger</td>
<td>Feature Code: 0016SPS</td>
<td>Outside the vehicle, at the front of the passenger door, within Passenger Outside Rearview Mirror, A9B</td>
<td>Rear of Vehicle Components. page 316</td>
</tr>
<tr>
<td>E18</td>
<td>Rear Defogger Grid</td>
<td>Feature Code: 0008AAB</td>
<td>At the rear of the passenger compartment, part of the rear window glass</td>
<td>Rear of Vehicle Components. page 316</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
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<td>----------</td>
<td>--------------</td>
</tr>
<tr>
<td>E28</td>
<td>Center Console Compartment Lamp</td>
<td>Feature Code: 0016XCN</td>
<td>Inside the passenger compartment, inside the center console storage bin</td>
<td>Floor Console Components. page 302</td>
</tr>
<tr>
<td>E29LF</td>
<td>Fog Lamp - Left Front</td>
<td>Feature Code: 0008XJG</td>
<td>Outside the vehicle, at the left front corner, in the front bumper, below the headlight assembly</td>
<td>Front of Vehicle Components. page 281</td>
</tr>
<tr>
<td>E29RF</td>
<td>Fog Lamp - Right Front</td>
<td>Feature Code: 0008XJG</td>
<td>Outside the vehicle, at the right front corner, in the front bumper, below the headlight assembly</td>
<td>Front of Vehicle Components. page 281</td>
</tr>
<tr>
<td>E31L</td>
<td>Sunshade Mirror Lamp - Left</td>
<td>Feature Code: 0016XCS</td>
<td>In the passenger compartment, at the front of the headliner, part of assembly, Left Sunshade, A3L</td>
<td>Headliner Components. page 306</td>
</tr>
<tr>
<td>E31R</td>
<td>Sunshade Mirror Lamp - Right</td>
<td>Feature Code: 0016XCS</td>
<td>In the passenger compartment, at the front of the headliner, part of assembly, Right Sunshade, A3R</td>
<td>Headliner Components. page 306</td>
</tr>
<tr>
<td>E33</td>
<td>Cargo Lamp</td>
<td>—</td>
<td>At the rear of vehicle, on right frame rail</td>
<td>—</td>
</tr>
<tr>
<td>E37B</td>
<td>Dome / Reading Lamps - 2nd Row Crew Cab-Feature Code: 0016LVT</td>
<td>In the passenger compartment, near the center of the headliner</td>
<td>Headliner Components. page 306</td>
<td></td>
</tr>
<tr>
<td>E37EL</td>
<td>Dome / Reading Lamps - Front Overhead Console Left</td>
<td>—</td>
<td>In the passenger compartment, at the left side of the overhead console</td>
<td>Overhead Console Components. (Figure 205)</td>
</tr>
<tr>
<td>E37ER</td>
<td>Dome / Reading Lamps - Front Overhead Console Right</td>
<td>—</td>
<td>In the passenger compartment, at the right side of the overhead console</td>
<td>Overhead Console Components. (Figure 205)</td>
</tr>
<tr>
<td>E40</td>
<td>Electrical Auxiliary Heater</td>
<td>Feature Code: C32</td>
<td>In the passenger compartment, at the top of the HVAC box</td>
<td>Front of HVAC Assembly Components. page 295</td>
</tr>
<tr>
<td>E42L</td>
<td>Tail Lamp Assembly - Left Without Feature Code: 0008TKD</td>
<td>Outside the vehicle, at the left rear of the vehicle</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>E42R</td>
<td>Tail Lamp Assembly - Right Without Feature Code: 0008TKD</td>
<td>Outside the vehicle, at the right rear of the vehicle</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
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</tr>
<tr>
<td>E52</td>
<td>Reductant Line Heater</td>
<td>—</td>
<td>Under the vehicle, part of the fluid pipe between Q61 Reductant Injector and reductant reservoir</td>
<td>Below Right Side of Cab Components. page 317</td>
</tr>
<tr>
<td>E53</td>
<td>Reductant Tank Heater</td>
<td>—</td>
<td>Inside of Assembly, Reductant Pump and Sensor Assembly, A38</td>
<td></td>
</tr>
<tr>
<td>E63D</td>
<td>Flood Lamp - Driver Door Handle</td>
<td>Feature Code: 0016WAK</td>
<td>In the driver door, door handle trim</td>
<td>Rear of Vehicle Components. page 312</td>
</tr>
<tr>
<td>E63P</td>
<td>Flood Lamp - Passenger Door Handle</td>
<td>Feature Code: 0016WAK</td>
<td>In the passenger door, door handle trim</td>
<td>Passenger Door Components. page 313</td>
</tr>
<tr>
<td>E70D</td>
<td>Outside Rearview Mirror Cargo Lamp - Driver</td>
<td>Feature Code: 0016SPS</td>
<td>Outside the vehicle, at the front of the driver door, within A9A Outside Rearview Mirror - Driver</td>
<td>Rear of Vehicle Components. page 316</td>
</tr>
<tr>
<td>E70P</td>
<td>Outside Rearview Mirror Cargo Lamp - Passenger</td>
<td>Feature Code: 0016SPS</td>
<td>Outside the vehicle, at the front of the passenger door, within A9B Outside Rearview Mirror - Passenger</td>
<td>Rear of Vehicle Components. page 316</td>
</tr>
<tr>
<td>E91</td>
<td>Air Dryer Valve Heater</td>
<td>0004EBD</td>
<td>In the engine compartment, right front, at front of right frame rail, near bottom of air dryer assembly</td>
<td>Front of Frame Components. page 287</td>
</tr>
<tr>
<td>F101</td>
<td>Passenger Instrument Panel Air Bag</td>
<td>—</td>
<td>In the passenger compartment, behind the instrument panel upper glove box</td>
<td>Face of Instrument Panel Components</td>
</tr>
<tr>
<td>F105L</td>
<td>Roof Rail Air Bag - Left</td>
<td>—</td>
<td>In the passenger compartment, along left roof rail and rear of roof</td>
<td>Roof Rail Air Bags. page 307</td>
</tr>
<tr>
<td>F105R</td>
<td>Roof Rail Air Bag - Right</td>
<td>—</td>
<td>In the passenger compartment, along right roof rail and rear of roof</td>
<td>Roof Rail Air Bags. page 307</td>
</tr>
<tr>
<td>F106D</td>
<td>Seat Side Air Bag - Driver</td>
<td>—</td>
<td>In the driver seat back, outboard side</td>
<td>Front of Driver Seat Components page 283</td>
</tr>
<tr>
<td>F106P</td>
<td>Seat Side Air Bag - Passenger</td>
<td>—</td>
<td>In the passenger seat back, outboard side</td>
<td>Front of Passenger Seat Components. page 309</td>
</tr>
<tr>
<td>F107</td>
<td>Steering Wheel Air Bag</td>
<td>—</td>
<td>In the passenger compartment, mounted to the middle of the steering wheel</td>
<td>Steering Wheel Components. page 301</td>
</tr>
</tbody>
</table>
### Table 10  Master Electrical Component List (cont.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>F112D</td>
<td>Seat Belt Retractor Pretensioner - Driver</td>
<td>—</td>
<td>In the passenger compartment, at the base of the driver side B-pillar</td>
<td>Passenger Compartment Components – Left. page 303</td>
</tr>
<tr>
<td>F112P</td>
<td>Seat Belt Retractor Pretensioner - Passenger</td>
<td>—</td>
<td>In the passenger compartment, at the base of the passenger side B-pillar</td>
<td>Passenger Compartment Components – Right. page 304</td>
</tr>
<tr>
<td>G1</td>
<td>A / C Compressor</td>
<td>Feature Code: 0016XZA</td>
<td>In the engine compartment, mounted to the front of the engine</td>
<td>Left Front of Engine Components. page 288</td>
</tr>
<tr>
<td>G12A</td>
<td>Fuel Pump - Primary</td>
<td>• Feature Code: 0015DSZ / 0015SZP</td>
<td>• Under the vehicle, inside the front fuel tank, part of Primary Fuel Pump and Level Sensor Assembly, A6C</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Feature Code: 0015SZN</td>
<td>• Under the vehicle, inside the rear fuel tank, part of Primary Fuel Pump and Level Sensor Assembly, A6C</td>
<td></td>
</tr>
<tr>
<td>G12B</td>
<td>Fuel Pump - Secondary</td>
<td>Feature Code: 0015DSZ</td>
<td>Under the vehicle, inside the rear fuel tank, part of Secondary Fuel Pump and Level Sensor Assembly, A6D</td>
<td></td>
</tr>
<tr>
<td>G13</td>
<td>Alternator (Generator)</td>
<td>—</td>
<td>In the engine compartment, at the top left front of the engine</td>
<td>Left Front of Engine Components. page 288</td>
</tr>
<tr>
<td>G13E</td>
<td>Alternator (Generator) - Auxiliary</td>
<td>Feature Code: 0008GJC</td>
<td>In the engine compartment, at the top right front of the engine</td>
<td>Left Front of Engine Components. page 288</td>
</tr>
<tr>
<td>G24</td>
<td>Windshield Washer Pump</td>
<td>—</td>
<td>The the engine compartment, right rear, in the washer fluid reservoir</td>
<td>Bulkhead Components - Engine Compartment. page 287</td>
</tr>
<tr>
<td>G33</td>
<td>Reductant Pump</td>
<td>—</td>
<td>Inside of Reductant Pump and Sensor Assembly, K38</td>
<td></td>
</tr>
<tr>
<td>K9</td>
<td>Body Control Module</td>
<td>—</td>
<td>In the passenger compartment, behind the driver side of the instrument panel, outboard of the steering column</td>
<td>Back of Instrument Panel Components. page 298</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Steering Column Components</td>
</tr>
<tr>
<td>K17</td>
<td>Electronic Brake Control Module</td>
<td>—</td>
<td>Under the vehicle, mounted to the left frame rail, under left side of cab</td>
<td>Left Side of Frame Components. page 321</td>
</tr>
</tbody>
</table>
Table 10  Master Electrical Component List (cont.)

<table>
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<tr>
<th>Code</th>
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<th>Location</th>
<th>Locator View</th>
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</thead>
<tbody>
<tr>
<td>K20</td>
<td>Engine Control Module</td>
<td>—</td>
<td>In the engine compartment, left front, mounted to the radiator support near top</td>
<td>Radiator Support Components. page 284</td>
</tr>
<tr>
<td>K29</td>
<td>Seat Heating Control Module</td>
<td>Feature Code:</td>
<td>In the passenger compartment, under the passenger seat cushion</td>
<td>Bottom of Passenger Seat Components. page 311</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0016XJR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K33</td>
<td>HVAC Control Module</td>
<td>—</td>
<td>In the passenger compartment, behind the instrument panel, right of center, at the top of the HVAC box</td>
<td>Front of HVAC Assembly Components. page 295</td>
</tr>
<tr>
<td>K34</td>
<td>Glow Plug Control Module</td>
<td>—</td>
<td>In the engine compartment, mounted to the top of the engine at right</td>
<td>Front of Engine Components. page 291</td>
</tr>
<tr>
<td>K36</td>
<td>Inflatable Restraint Sensing and Diagnostic Module</td>
<td>—</td>
<td>In the passenger compartment, bolted to the floor between the front seats</td>
<td>Passenger Compartment Components – Left. page 303</td>
</tr>
<tr>
<td>K38A</td>
<td>Chassis Control Module - Auxiliary</td>
<td>Feature Code:</td>
<td>Under the vehicle, mounted to the left frame rail, under left side of cab</td>
<td>Left Side of Frame Components. page 321</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0008HBW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K44</td>
<td>Power Take-Off Control Module</td>
<td>Feature Code:</td>
<td>Under the vehicle, mounted to the right frame rail, near rear of cab</td>
<td>Below Right Side of Cab Components. page 317</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0012WGG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K56</td>
<td>Serial Data Gateway Module</td>
<td>—</td>
<td>In the passenger compartment, under the instrument panel, left of the steering column</td>
<td>Back of Instrument Panel Components. page 298</td>
</tr>
<tr>
<td>K69</td>
<td>Transfer Case Control Module</td>
<td>Feature Code:</td>
<td>In the passenger compartment, behind the instrument panel, mounted to the bulkhead above accelerator pedal</td>
<td>Bulkhead Components Interior. page 294</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0013TLP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K71</td>
<td>Transmission Control Module</td>
<td>—</td>
<td>In the engine compartment, left front, mounted to the radiator support, below K20 Engine Control Module</td>
<td>Radiator Support Components. page 284</td>
</tr>
<tr>
<td>K73</td>
<td>Telematics Communication Interface Control Module</td>
<td>Feature Code:</td>
<td>In the passenger compartment, in the middle of the instrument panel, behind the info display module</td>
<td>Inside Center of Instrument Panel Components. page 299</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0008AAE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
<td>------</td>
<td>-------------------------------------------</td>
<td>------------</td>
<td>--------------------------------------------------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>K74</td>
<td>Human Machine Interface Control Module</td>
<td>Feature Code: 0008RNW / 0008RNX</td>
<td>In the passenger compartment, behind the passenger side of the instrument panel, behind lower instrument panel compartment</td>
<td>Back of Instrument Panel Components. page 298</td>
</tr>
<tr>
<td>K77</td>
<td>Remote Control Door Lock Receiver</td>
<td>—</td>
<td>In the passenger compartment, right rear, above headliner</td>
<td>Passenger Compartment Components – Right. page 304</td>
</tr>
<tr>
<td>K89</td>
<td>Immobilizer Control Module</td>
<td>—</td>
<td>In the passenger compartment, on the steering column side, near the ignition cylinder</td>
<td>Steering Column Components. page 300</td>
</tr>
<tr>
<td>K111</td>
<td>Fuel Pump Driver Control Module</td>
<td>—</td>
<td>Under the vehicle, mounted to the left frame rail, under left side of cab</td>
<td>Left Side of Frame Components. page 321</td>
</tr>
<tr>
<td>K115</td>
<td>Reductant Control Module</td>
<td>—</td>
<td>Under the vehicle, mounted to reductant reservoir, below the passenger side of the cab</td>
<td>Below Right Side of Cab Components. page 317</td>
</tr>
<tr>
<td>K133</td>
<td>Trailer Brake Power Control Module</td>
<td>Feature Code: 0008HBW</td>
<td>Under the vehicle, mounted to the left frame rail, near rear of cab</td>
<td>Left Side of Frame Components. page 321</td>
</tr>
<tr>
<td>KR14</td>
<td>Brake Booster Pump Motor Relay</td>
<td>—</td>
<td>In the engine compartment, left rear, near brake master cylinder</td>
<td>Brake Booster Components. page 286</td>
</tr>
<tr>
<td>KR58</td>
<td>Roof Beacon Relay</td>
<td>Feature Code: 0008XKS</td>
<td>In the passenger compartment, above the overhead console</td>
<td>Overhead Console Components. (Figure 205)</td>
</tr>
<tr>
<td>KR193</td>
<td>Rear Air Suspension Control Valve Relay</td>
<td>Feature Code: 00014899</td>
<td>In the passenger compartment, within the instrument panel, inboard of X51R Fuse Block - Instrument Panel Right</td>
<td>—</td>
</tr>
<tr>
<td>M4</td>
<td>Air Inlet Door Actuator</td>
<td>—</td>
<td>In the passenger compartment, behind the instrument panel glove box, mounted to the HVAC housing</td>
<td>Front of HVAC Assembly Components. page 295</td>
</tr>
<tr>
<td>M6</td>
<td>Air Temperature Door Actuator</td>
<td>—</td>
<td>In the passenger compartment, center, mounted to the top of the HVAC housing</td>
<td>Front of HVAC Assembly Components. page 295</td>
</tr>
</tbody>
</table>
### Table 10  Master Electrical Component List (cont.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>M7</td>
<td>Transmission Shift Lock Control Solenoid Actuator</td>
<td>—</td>
<td>In the passenger compartment, right side of the steering wheel, attached to transmission shift lever</td>
<td>Steering Column Components. page 300</td>
</tr>
<tr>
<td>M8</td>
<td>Blower Motor</td>
<td>—</td>
<td>In the passenger compartment, under the right side of the instrument panel, above the hush panel</td>
<td>Back of HVAC Assembly Components. page 296</td>
</tr>
<tr>
<td>M9</td>
<td>Brake Booster Pump Motor</td>
<td>—</td>
<td>In the engine compartment, left rear, mounted to bottom of brake booster</td>
<td>Brake Booster Components. page 286</td>
</tr>
<tr>
<td>M37</td>
<td>Mode Door Actuator</td>
<td>—</td>
<td>In the passenger compartment, left of center, mounted to the left side of the HVAC housing</td>
<td>Front of HVAC Assembly Components. page 295</td>
</tr>
<tr>
<td>M50D</td>
<td>Seat Front Vertical Motor - Driver</td>
<td>Feature Code: 0016KVV / 0016KVU</td>
<td>In the passenger compartment, under the driver seat cushion</td>
<td>Bottom of Driver Seat Components. page 308</td>
</tr>
<tr>
<td>M50P</td>
<td>Seat Front Vertical Motor - Passenger</td>
<td>Feature Code: 0016KVV / AG2</td>
<td>In the passenger compartment, under the passenger seat cushion</td>
<td>—</td>
</tr>
<tr>
<td>M51D</td>
<td>Seat Horizontal Motor - Driver</td>
<td>Feature Code: 0016KVV / 0016KVU</td>
<td>In the passenger compartment, under the driver seat cushion</td>
<td>Bottom of Driver Seat Components. page 308</td>
</tr>
<tr>
<td>M51P</td>
<td>Seat Horizontal Motor - Passenger</td>
<td>Feature Code: 0016KVV / AG2</td>
<td>In the passenger compartment, under the passenger seat cushion</td>
<td>Bottom of Passenger Seat Components. page 311</td>
</tr>
<tr>
<td>M52D</td>
<td>Seat Lumbar Support Horizontal Motor - Driver</td>
<td>Feature Code: 0016KVV</td>
<td>In the passenger compartment, in the driver seat back</td>
<td>—</td>
</tr>
<tr>
<td>M52P</td>
<td>Seat Lumbar Support Horizontal Motor - Passenger</td>
<td>Feature Code: 0016KVV</td>
<td>In the passenger compartment, in the passenger seat back</td>
<td>Back of Passenger Seat Components. page 310</td>
</tr>
<tr>
<td>M55D</td>
<td>Seat Rear Vertical Motor - Driver</td>
<td>Feature Code: 0016KVV / 0016KVU</td>
<td>In the passenger compartment, under the driver seat cushion</td>
<td>Bottom of Driver Seat Components. page 308</td>
</tr>
<tr>
<td>M55P</td>
<td>Seat Rear Vertical Motor - Passenger</td>
<td>Feature Code: 0016KVV</td>
<td>In the passenger compartment, under the passenger seat cushion</td>
<td>—</td>
</tr>
<tr>
<td>M56D</td>
<td>Seat Recline Motor - Driver</td>
<td>Feature Code: 0016KVV / 0016KVU</td>
<td>In the passenger compartment, in the driver seat back</td>
<td>—</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------------------</td>
<td>------------</td>
<td>-----------------------------------------------------------------------------------------------</td>
<td>-------------------------------------------------------</td>
</tr>
<tr>
<td>M56P</td>
<td>Seat Recline Motor - Passenger</td>
<td>Feature Code: 0016KVV</td>
<td>In the passenger compartment, in the passenger seat back</td>
<td>Back of Passenger Seat Components. page 310</td>
</tr>
<tr>
<td>M64</td>
<td>Starter Motor</td>
<td>—</td>
<td>In the engine compartment, mounted to the right side of the engine block, at rear</td>
<td>Right Side of Engine Components. page 290</td>
</tr>
<tr>
<td>M74D</td>
<td>Window Motor - Driver</td>
<td>—</td>
<td>In the driver door, near middle</td>
<td>Driver Door Components page 312</td>
</tr>
<tr>
<td>M74LR</td>
<td>Window Motor - Left Rear</td>
<td>Crew Cab</td>
<td>In the left rear door, near middle</td>
<td>Left Rear Door Components (Crew Cab). page 314</td>
</tr>
<tr>
<td>M74P</td>
<td>Window Motor - Passenger</td>
<td>—</td>
<td>In the passenger door, near middle</td>
<td>Passenger Door Components. page 313</td>
</tr>
<tr>
<td>M74RR</td>
<td>Window Motor - Right Rear</td>
<td>Crew Cab</td>
<td>In the right rear door, near middle</td>
<td>Right Rear Door Components (Crew Cab). page 313</td>
</tr>
<tr>
<td>M75</td>
<td>Windshield Wiper Motor</td>
<td>—</td>
<td>In the engine compartment, below the left lower corner of the windshield</td>
<td>Bulkhead Components - Engine Compartment. page 287</td>
</tr>
<tr>
<td>M77D</td>
<td>Outside Rearview Mirror Motor - Driver</td>
<td>Feature Code: 0016SPS</td>
<td>Outside the vehicle, at the front of the driver door, within A9A Outside Rearview Mirror - Driver</td>
<td>—</td>
</tr>
<tr>
<td>M77P</td>
<td>Outside Rearview Mirror Motor - Passenger</td>
<td>Feature Code: 0016SPS</td>
<td>Outside the vehicle, at the front of the passenger door, within A9B Outside Rearview Mirror - Passenger</td>
<td>—</td>
</tr>
<tr>
<td>M103</td>
<td>Turbocharger Vane Position Actuator</td>
<td>—</td>
<td>In the engine compartment, at the top of the engine, above the turbocharger</td>
<td>Top of Engine Components. page 292</td>
</tr>
<tr>
<td>M114</td>
<td>Exhaust Gas Recirculation Cooler Bypass Valve Actuator</td>
<td>—</td>
<td>In the engine compartment, at top of engine, near turbocharger</td>
<td>Top of Engine Components. page 292</td>
</tr>
<tr>
<td>P3</td>
<td>Backup Alarm</td>
<td>Feature Code: 0008THB</td>
<td>At the rear of vehicle, on right frame rail</td>
<td>Rear of Frame Components. page 323</td>
</tr>
<tr>
<td>P12</td>
<td>Horn</td>
<td>—</td>
<td>In the engine compartment, center of the second frame cross-member</td>
<td>Front of Frame Components. page 287</td>
</tr>
<tr>
<td>P14</td>
<td>Passenger Air Bag Disabled Indicator</td>
<td>—</td>
<td>In the passenger compartment, at the front of the roof, in the overhead console</td>
<td>Overhead Console Components. (Figure 205)</td>
</tr>
</tbody>
</table>
### Table 10  Master Electrical Component List (cont.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>P16</td>
<td>Instrument Cluster</td>
<td></td>
<td>In the passenger compartment, in the driver side of the instrument panel</td>
<td>Front of Instrument Panel Components. page 297</td>
</tr>
<tr>
<td>P17</td>
<td>Info Display Module</td>
<td></td>
<td>In the passenger compartment, at the center of the instrument panel</td>
<td>Front of Instrument Panel Components. page 297</td>
</tr>
<tr>
<td>P19AG</td>
<td>Speaker - Left Front Door</td>
<td></td>
<td>In the driver door, at front bottom</td>
<td>Driver Door Components. page 312</td>
</tr>
<tr>
<td>P19AH</td>
<td>Speaker - Right Front Door</td>
<td></td>
<td>In the passenger door, at front bottom</td>
<td>Passenger Door Components. page 313</td>
</tr>
<tr>
<td>P19AL</td>
<td>Speaker - Left Rear Door</td>
<td>Crew Cab</td>
<td>In the left rear door, at front bottom</td>
<td>Left Rear Door Components (Crew Cab). page 314</td>
</tr>
<tr>
<td>P19AM</td>
<td>Speaker - Right Rear Door</td>
<td>Crew Cab</td>
<td>In the right rear door, at front bottom</td>
<td>Right Rear Door Components (Crew Cab). page 315</td>
</tr>
<tr>
<td>P19AN</td>
<td>Speaker - Left Rear Trim Panel</td>
<td>Standard Cab</td>
<td>In the passenger compartment, at the left rear corner of the cab, near the driver seat headrest</td>
<td>Passenger Compartment Components – Left. page 303</td>
</tr>
<tr>
<td>P19AP</td>
<td>Speaker - Right Rear Trim Panel</td>
<td>Standard Cab</td>
<td>In the passenger compartment, at the right rear corner of the cab, near the passenger seat headrest</td>
<td>Passenger Compartment Components – Right. page 304</td>
</tr>
<tr>
<td>P19J</td>
<td>Speaker - Left Instrument Panel</td>
<td></td>
<td>In the passenger compartment, in the top of the left side of the instrument panel</td>
<td>Back of Instrument Panel Components. page 298</td>
</tr>
<tr>
<td>P19W</td>
<td>Speaker - Right Instrument Panel</td>
<td></td>
<td>In the passenger compartment, in the top of the right side of the instrument panel</td>
<td>Back of Instrument Panel Components. page 298</td>
</tr>
<tr>
<td>Q2</td>
<td>A / C Compressor Clutch</td>
<td>Feature Code: 0016XZA</td>
<td>In the engine compartment, at the front of A / C compressor, G1</td>
<td>Left Front of Engine Components. page 288</td>
</tr>
<tr>
<td>Q5</td>
<td>Brake Pressure Modulator</td>
<td></td>
<td>Under the vehicle, along the left frame rail, under left side of cab, mounted to Electronic Brake Control Module, K17</td>
<td>—</td>
</tr>
<tr>
<td>Q14</td>
<td>Exhaust Gas Recirculation Valve</td>
<td></td>
<td>In the engine compartment, at right front of engine</td>
<td>Front of Engine Components. page 291</td>
</tr>
</tbody>
</table>
Table 10 Master Electrical Component List (cont.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q17A</td>
<td>Fuel Injector 1</td>
<td>—</td>
<td>In the engine compartment, In the bank 1 cylinder head at cylinder 1</td>
<td>Right Side of Engine Components. page 290</td>
</tr>
<tr>
<td>Q17B</td>
<td>Fuel Injector 2</td>
<td>—</td>
<td>In the engine compartment, In the bank 2 cylinder head at cylinder 2</td>
<td>Left Front of Engine Components. page 288</td>
</tr>
<tr>
<td>Q17C</td>
<td>Fuel Injector 3</td>
<td>—</td>
<td>In the engine compartment, In the bank 1 cylinder head at cylinder 3</td>
<td>Right Side of Engine Components. page 290</td>
</tr>
<tr>
<td>Q17D</td>
<td>Fuel Injector 4</td>
<td>—</td>
<td>In the engine compartment, In the bank 2 cylinder head at cylinder 4</td>
<td>Left Front of Engine Components. page 288</td>
</tr>
<tr>
<td>Q17E</td>
<td>Fuel Injector 5</td>
<td>—</td>
<td>In the engine compartment, In the bank 1 cylinder head at cylinder 5</td>
<td>Right Side of Engine Components. page 290</td>
</tr>
<tr>
<td>Q17F</td>
<td>Fuel Injector 6</td>
<td>—</td>
<td>In the engine compartment, In the bank 2 cylinder head at cylinder 6</td>
<td>Left Front of Engine Components. page 288</td>
</tr>
<tr>
<td>Q17G</td>
<td>Fuel Injector 7</td>
<td>—</td>
<td>In the engine compartment, In the bank 1 cylinder head at cylinder 7</td>
<td>Right Side of Engine Components. page 290</td>
</tr>
<tr>
<td>Q17H</td>
<td>Fuel Injector 8</td>
<td>—</td>
<td>In the engine compartment, In the bank 2 cylinder head at cylinder 8</td>
<td>Left Front of Engine Components. page 288</td>
</tr>
<tr>
<td>Q18A</td>
<td>Fuel Pressure Regulator 1</td>
<td>—</td>
<td>In the engine compartment, mounted on top of the fuel injection pump, near thermostat housing</td>
<td>Top of Engine Components. page 292</td>
</tr>
<tr>
<td>Q18B</td>
<td>Fuel Pressure Regulator 2</td>
<td>—</td>
<td>In the engine compartment, rear left of center, at rear of fuel rail</td>
<td>—</td>
</tr>
<tr>
<td>Q20</td>
<td>Intake Air Flow Valve</td>
<td>—</td>
<td>In the engine compartment, at the top front of the engine, mounted to the intake manifold inlet</td>
<td>Top of Engine Components. page 292</td>
</tr>
<tr>
<td>Q23</td>
<td>Line Pressure Control Solenoid Valve</td>
<td>—</td>
<td>Under the vehicle, inside of Automatic Transmission Assembly, T12</td>
<td>—</td>
</tr>
<tr>
<td>Q27A</td>
<td>Pressure Control Solenoid Valve 1</td>
<td>—</td>
<td>Under the vehicle, inside of Automatic Transmission Assembly, T12</td>
<td>—</td>
</tr>
<tr>
<td>Q27B</td>
<td>Pressure Control Solenoid Valve 2</td>
<td>—</td>
<td>Under the vehicle, inside of Automatic Transmission Assembly, T12</td>
<td>—</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
<td>--------</td>
<td>-------------------------------------------</td>
<td>--------</td>
<td>--------------------------------------------------</td>
<td>---------------------------------------</td>
</tr>
<tr>
<td>Q27C</td>
<td>Pressure Control Solenoid Valve 3</td>
<td>—</td>
<td>Under the vehicle, inside of Automatic Transmission Assembly, T12</td>
<td>—</td>
</tr>
<tr>
<td>Q32A</td>
<td>Shift Solenoid Valve 1</td>
<td>—</td>
<td>Under the vehicle, inside of Automatic Transmission Assembly, T12</td>
<td>—</td>
</tr>
<tr>
<td>Q32B</td>
<td>Shift Solenoid Valve 2</td>
<td>—</td>
<td>Under the vehicle, inside of Automatic Transmission Assembly, T12</td>
<td>—</td>
</tr>
<tr>
<td>Q32C</td>
<td>Shift Solenoid Valve 3</td>
<td>—</td>
<td>Under the vehicle, inside of Automatic Transmission Assembly, T12</td>
<td>—</td>
</tr>
<tr>
<td>Q39A</td>
<td>Torque Converter Clutch Pressure Control Solenoid Valve</td>
<td>—</td>
<td>Under the vehicle, inside of Automatic Transmission Assembly, T12</td>
<td>—</td>
</tr>
<tr>
<td>Q46</td>
<td>A / C Compressor Solenoid Valve</td>
<td>Feature Code: 0016XZA</td>
<td>In the engine compartment, within A / C compressor, G1</td>
<td>Left Front of Engine Components. page 288</td>
</tr>
<tr>
<td>Q61</td>
<td>Reductant Injector</td>
<td>—</td>
<td>Under the vehicle, attached to the exhaust pipe, downstream of the warm up nitrogen oxide catalytic converter</td>
<td>Below Right Side of Cab Components. page 317</td>
</tr>
<tr>
<td>Q85</td>
<td>Cooling Fan Clutch</td>
<td>—</td>
<td>In the engine compartment, front center, at cooling fan</td>
<td>Radiator Support Components. page 284</td>
</tr>
</tbody>
</table>
| Q101   | Rear Air Suspension Control Valve         | 00014899 | Under the vehicle, near the left frame rail, forward of X401, on cross-member forward of the rear axle | • Left Side of Frame Components page 321  
• Right Side of Frame Components page 322 |
<p>| R6A    | Terminating Resistor - High Speed Bus     | —      | Under the vehicle, mounted to the left frame rail, under left side of cab | —                                     |
| R6F    | Terminating Resistor - High Speed Extension Bus 2 | Feature Code: 0008RNW / 0008RNX / 0008AAE | In the passenger compartment, behind the instrument panel, at right side | Back of Instrument Panel Components. page 298 |
| R12    | Power Take-Off Switch Diode               | Feature Code: 0012WGG | Under the vehicle, under cab, along right frame rail, in the main bundle, between X191 and K44 Power Take-Off Control Module | —                                     |</p>
<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>R50</td>
<td>Brake Booster Diode</td>
<td>—</td>
<td>In the engine compartment, left rear, near brake master cylinder</td>
<td>—</td>
</tr>
<tr>
<td>S2</td>
<td>Transmission Manual Shift Switch</td>
<td>—</td>
<td>In the passenger compartment, within S3 Transmission Shift Lever</td>
<td>Steering Column Components page 300</td>
</tr>
<tr>
<td>S3</td>
<td>Transmission Shift Lever</td>
<td>—</td>
<td>In the passenger compartment, mounted to the steering column</td>
<td>Steering Column Components page 300</td>
</tr>
<tr>
<td>S5</td>
<td>Center Console Compartment Lamp Switch</td>
<td>Feature Code: 0016XCN</td>
<td>In the passenger compartment, under the center console compartment lid</td>
<td>Floor Console Components page 302</td>
</tr>
<tr>
<td>S12</td>
<td>Dome Lamp Switch</td>
<td>—</td>
<td>In the passenger compartment, near the center of the headliner, in the overhead console</td>
<td>Overhead Console Components (Figure 205)</td>
</tr>
<tr>
<td>S13D</td>
<td>Door Lock Switch - Driver</td>
<td>—</td>
<td>In the passenger compartment, in the driver door handle trim panel</td>
<td>Driver Door Components page 312</td>
</tr>
<tr>
<td>S13P</td>
<td>Door Lock Switch - Passenger</td>
<td>—</td>
<td>In the passenger compartment, in the passenger door handle trim panel</td>
<td>Passenger Door Components page 313</td>
</tr>
<tr>
<td>S30</td>
<td>Headlight Switch</td>
<td>—</td>
<td>In the passenger compartment, left of the steering column</td>
<td>Front of Instrument Panel Components page 297</td>
</tr>
<tr>
<td>S32D</td>
<td>Seat Heating Switch - Driver</td>
<td>Feature Code: 0016XJR</td>
<td>In the passenger compartment, on driver side of HVAC controls, A26</td>
<td>Front of Instrument Panel Components page 297</td>
</tr>
<tr>
<td>S32P</td>
<td>Seat Heating Switch - Passenger</td>
<td>Feature Code: 0016XJR</td>
<td>In the passenger compartment, on passenger side of HVAC controls, A26</td>
<td>Front of Instrument Panel Components page 297</td>
</tr>
<tr>
<td>S33</td>
<td>Horn Switch</td>
<td>—</td>
<td>In the passenger compartment, in the center of the steering wheel, behind the driver side air bag</td>
<td>Steering Wheel Components page 301</td>
</tr>
<tr>
<td>S39</td>
<td>Ignition Switch</td>
<td>—</td>
<td>In the passenger compartment, behind the steering wheel, on the right side of the steering column</td>
<td>Steering Column Components page 300</td>
</tr>
<tr>
<td>S40</td>
<td>Passenger Air Bag Disable Switch</td>
<td>Feature Code: 0016XCR</td>
<td>In the passenger compartment, in the right instrument panel closeout</td>
<td>Front of Instrument Panel Components page 297</td>
</tr>
</tbody>
</table>
### Table 10  Master Electrical Component List (cont.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>S48A</td>
<td>Multifunction Switch - Instrument Panel</td>
<td>—</td>
<td>In the passenger compartment, near the center of the instrument panel</td>
<td>Front of Instrument Panel Components page 297</td>
</tr>
<tr>
<td>S51</td>
<td>Telematics Button Assembly</td>
<td>Feature Code: 0008AAE</td>
<td>In the passenger compartment, within Inside Rearview Mirror, A11</td>
<td>—</td>
</tr>
<tr>
<td>S52</td>
<td>Outside Rearview Mirror Switch</td>
<td>Feature Code: 0016SPS</td>
<td>In the passenger compartment, on the driver door trim panel</td>
<td>Driver Door Components page 312</td>
</tr>
<tr>
<td>S63</td>
<td>Roof Beacon Switch</td>
<td>Feature Code: 0008XKS</td>
<td>In the passenger compartment, behind the overhead console, near the top</td>
<td>Overhead Console Components (Figure 205)</td>
</tr>
<tr>
<td>S64D</td>
<td>Seat Adjuster Switch - Driver</td>
<td>Feature Code: 0016KVV / 0016KVU</td>
<td>In the passenger compartment, mounted to the outboard side of the driver seat cushion</td>
<td>Front of Driver Seat Components page 283</td>
</tr>
<tr>
<td>S64P</td>
<td>Seat Adjuster Switch - Passenger</td>
<td>Feature Code: 0016KVV / AG2</td>
<td>In the passenger compartment, mounted to the outboard side of the passenger seat cushion</td>
<td>Front of Passenger Seat Components page 309</td>
</tr>
<tr>
<td>S70E</td>
<td>Steering Wheel Controls Switch - Radio Presets</td>
<td>Feature Code: UK3</td>
<td>In the passenger compartment, on the left rear side of the steering wheel</td>
<td>Steering Wheel Components page 301</td>
</tr>
<tr>
<td>S70F</td>
<td>Steering Wheel Controls Switch - Radio Volume</td>
<td>Feature Code: UK3</td>
<td>In the passenger compartment, on the right rear side of the steering wheel</td>
<td>Steering Wheel Components page 301</td>
</tr>
<tr>
<td>S70L</td>
<td>Steering Wheel Controls Switch - Left</td>
<td>—</td>
<td>In the passenger compartment, on the left side of the steering wheel</td>
<td>Steering Wheel Components page 301</td>
</tr>
<tr>
<td>S70R</td>
<td>Steering Wheel Controls Switch - Right</td>
<td>Feature Code: UK3</td>
<td>In the passenger compartment, on the right side of the steering wheel</td>
<td>Steering Wheel Components page 301</td>
</tr>
<tr>
<td>S74</td>
<td>Tow / Haul Mode Switch</td>
<td>—</td>
<td>In the passenger compartment, within Transmission Shift Lever, S3</td>
<td>Steering Column Components page 300</td>
</tr>
<tr>
<td>S76</td>
<td>Trailer Brake Control Switch</td>
<td>Feature Code: 0008HBW</td>
<td>In the passenger compartment, lower left side of the instrument panel</td>
<td>Front of Instrument Panel Components page 297</td>
</tr>
<tr>
<td>S77</td>
<td>Transfer Case Shift Control Switch</td>
<td>Feature Code: 0013TLP</td>
<td>In the passenger compartment, left side of the instrument panel</td>
<td>Front of Instrument Panel Components page 297</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
<td>-------</td>
<td>-------------------------------------------</td>
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<td>--------------------------------------------------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>S78</td>
<td>Turn Signal / Multifunction Switch</td>
<td>—</td>
<td>In the passenger compartment, on the left side of the steering column</td>
<td>Steering Column Components page 300</td>
</tr>
<tr>
<td>S79D</td>
<td>Window Switch - Driver</td>
<td>—</td>
<td>In the driver door, at the center of the driver door, on the door trim panel</td>
<td>Driver Door Components page 312</td>
</tr>
<tr>
<td>S79LR</td>
<td>Window Switch - Left Rear</td>
<td>Crew Cab</td>
<td>In the left rear door, at the center of the left rear door, on the door trim panel</td>
<td>Left Rear Door Components (Crew Cab) page 314</td>
</tr>
<tr>
<td>S79P</td>
<td>Window Switch - Passenger</td>
<td>—</td>
<td>In the passenger door, at the center of the passenger door, on the door trim panel</td>
<td>Passenger Door Components page 313</td>
</tr>
<tr>
<td>S79RR</td>
<td>Window Switch - Right Rear</td>
<td>Crew Cab</td>
<td>In the right rear door, at the center of the right rear door, on the door trim panel</td>
<td>Right Rear Door Components (Crew Cab) page 315</td>
</tr>
<tr>
<td>T1</td>
<td>Accessory DC / AC Power Inverter Module</td>
<td>Feature Code: 0008XJX</td>
<td>In the instrument panel, right side of the steering column</td>
<td>—</td>
</tr>
<tr>
<td>T2</td>
<td>Antenna</td>
<td>—</td>
<td>In the passenger compartment, on the steering column side, inside of assembly, Immobilizer Control Module, K89</td>
<td>—</td>
</tr>
<tr>
<td>T2RF</td>
<td>Antenna - Roof Front</td>
<td>Feature Code: 0008RNX / 0008RNR / 0008AAE</td>
<td>Outside the vehicle, on the roof</td>
<td>Front of Vehicle Components page 281</td>
</tr>
<tr>
<td>T4M</td>
<td>Radio Antenna</td>
<td>—</td>
<td>Outside the vehicle, at the right rear of the hood</td>
<td>Front of Vehicle Components page 281</td>
</tr>
<tr>
<td>T12</td>
<td>Automatic Transmission Assembly</td>
<td>—</td>
<td>Under the vehicle, mounted to the rear of the engine</td>
<td>—</td>
</tr>
<tr>
<td>T15</td>
<td>Navigation Antenna Signal Splitter</td>
<td>Feature Code: 0008RNX and 0008AAE</td>
<td>In the passenger compartment, on passenger side, below defroster grille</td>
<td>Back of Instrument Panel Components page 298</td>
</tr>
<tr>
<td>T22</td>
<td>Mobile Device Wireless Charger Module</td>
<td>K4C</td>
<td>In the passenger compartment, forward of center, in the floor console bin lid.</td>
<td>Floor Console Components page 302</td>
</tr>
<tr>
<td>W11</td>
<td>Blunt Cut - Roof Beacon Provision</td>
<td>Feature Code: 0008XKS</td>
<td>In the passenger compartment, above the headliner</td>
<td>—</td>
</tr>
</tbody>
</table>
Table 10  Master Electrical Component List (cont.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>W12</td>
<td>Blunt Cut - Emergency Vehicle Provision</td>
<td>(Feature Code: (ANM)</td>
<td>In the passenger compartment, X61A, Junction Block - Instrument Panel, X7</td>
<td>—</td>
</tr>
<tr>
<td>W31</td>
<td>Blunt Cut - Crank Inhibit Provision</td>
<td>—</td>
<td>In the passenger compartment, at the left side of the driver footwell, left of the X61A Junction Block - Instrument Panel</td>
<td>—</td>
</tr>
<tr>
<td>W32</td>
<td>Blunt Cut - Master Disconnect Switch Provision</td>
<td>—</td>
<td>In the passenger compartment, at the left side of the driver footwell, left of the X61A Junction Block - Instrument Panel</td>
<td>—</td>
</tr>
<tr>
<td>W33</td>
<td>Blunt Cut - Master Disconnect Switch Indicator Provision</td>
<td>—</td>
<td>In the passenger compartment, behind the instrument panel, near the bulkhead, near breakout to B80 Park Brake Switch</td>
<td>—</td>
</tr>
<tr>
<td>W34</td>
<td>Battery Positive Cable Terminal Post - Jump Start</td>
<td>—</td>
<td>Outside the vehicle, under the driver door, forward of the battery box</td>
<td>Battery Box Components (7Y7 or 7Y8) page 318</td>
</tr>
<tr>
<td>X50A</td>
<td>Fuse Block - Underhood</td>
<td>—</td>
<td>In the engine compartment, left rear</td>
<td>Bulkhead Components - Engine Compartment page 287</td>
</tr>
<tr>
<td>X50B</td>
<td>Fuse Block - Underhood Auxiliary</td>
<td>—</td>
<td>In the engine compartment, left rear</td>
<td>Bulkhead Components - Engine Compartment page 287</td>
</tr>
<tr>
<td>X50D</td>
<td>Fuse Block - Battery</td>
<td>—</td>
<td>In the engine compartment, right rear, forward of the engine coolant reservoir</td>
<td>Bulkhead Components - Engine Compartment page 287</td>
</tr>
<tr>
<td>X51L</td>
<td>Fuse Block - Instrument Panel Left</td>
<td>—</td>
<td>In the passenger compartment, left side of the instrument panel, behind end trim panel</td>
<td>—</td>
</tr>
<tr>
<td>X51R</td>
<td>Fuse Block - Instrument Panel Right</td>
<td>—</td>
<td>In the passenger compartment, right side of the instrument panel, behind end trim panel</td>
<td>—</td>
</tr>
<tr>
<td>X55BA</td>
<td>Fuse Holder 1 - Brake Booster</td>
<td>—</td>
<td>In the engine compartment, left rear, near master cylinder</td>
<td>—</td>
</tr>
<tr>
<td>X55BB</td>
<td>Fuse Holder 2 - Brake Booster</td>
<td>—</td>
<td>In the engine compartment, left rear, near master cylinder</td>
<td>—</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
<td>--------</td>
<td>------------------------------------------------</td>
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<td>------------------------------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>X55BC</td>
<td>Fuse Holder 3 - Brake Booster</td>
<td>—</td>
<td>• (0008MVZ / 0008MWA) Outside the vehicle, under the driver door, in battery box</td>
<td>Battery Box Components (0008MVZ / 0008MWA) page 318</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• (0008MSD) Outside the vehicle, rear of cab, on temporary frame mount</td>
<td></td>
</tr>
<tr>
<td>X61A</td>
<td>Junction Block - Instrument Panel</td>
<td>—</td>
<td>In the passenger compartment, behind the instrument panel, mounted to the bulkhead, left of the brake pedal</td>
<td>Bulkhead Components Interior page 294</td>
</tr>
<tr>
<td>X80D</td>
<td>Accessory Power Receptacle - Center Console Compartment</td>
<td>· Feature Code: 0016XCN  · Without Feature Code: 0016XCN</td>
<td>• In the passenger compartment, in the center console compartment  • In the passenger compartment, in the center seat</td>
<td>Floor Console Components page 302</td>
</tr>
<tr>
<td>X80E</td>
<td>Accessory Power Receptacle - Center Seat</td>
<td>Feature Code: 0016KVU</td>
<td>In the passenger compartment, at the rear of the center seat</td>
<td></td>
</tr>
<tr>
<td>X80G</td>
<td>Accessory Power Receptacle - Instrument Panel</td>
<td>Except Feature Code: 0016XCN</td>
<td>In the passenger compartment, in the instrument panel, below Instrument Panel Multifunction Switch, S48A</td>
<td>Front of Instrument Panel Components page 297</td>
</tr>
<tr>
<td>X80J</td>
<td>Accessory Power Receptacle - Instrument Panel 1</td>
<td>Feature Code: 0016XCN</td>
<td>In the passenger compartment, at the left center of the center console</td>
<td>Floor Console Components page 302</td>
</tr>
<tr>
<td>X80K</td>
<td>Accessory Power Receptacle - Instrument Panel 2</td>
<td>Feature Code: 0016XCN</td>
<td>In the passenger compartment, at the right center of the center console</td>
<td>Floor Console Components page 302</td>
</tr>
<tr>
<td>X80L</td>
<td>Accessory Power Receptacle - Center Console Rear</td>
<td>Feature Code: 0016XCN</td>
<td>In the passenger compartment, at the rear of the center console</td>
<td>Floor Console Components page 302</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
<td>------</td>
<td>-------------------------------------------</td>
<td>-------------------------</td>
<td>--------------------------------------------------------------------------</td>
<td>-------------------------------------------------------------</td>
</tr>
<tr>
<td>X81</td>
<td>Accessory Power Receptacle - 110 volt AC</td>
<td>• Feature Code: 0008XJX</td>
<td>• In the passenger compartment, right front of the center console</td>
<td>Front of Instrument Panel Components page 297</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Without Feature Code:</td>
<td>• In the passenger compartment, in the instrument panel, below Instrument Panel Multifunction Switch, S48A</td>
<td>Floor Console Components page 302</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0016XCN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>X83</td>
<td>Auxiliary Audio Input</td>
<td>—</td>
<td>In the passenger compartment, in the center console storage compartment</td>
<td>Floor Console Components page 302</td>
</tr>
<tr>
<td>X84</td>
<td>Data Link Connector</td>
<td>—</td>
<td>In the passenger compartment, at the bottom of the instrument panel, at driver side</td>
<td>Front of Instrument Panel Components page 297</td>
</tr>
<tr>
<td>X85</td>
<td>Steering Wheel Air Bag Coil</td>
<td>—</td>
<td>In the passenger compartment, mounted to the steering column, behind the steering wheel</td>
<td>Steering Column Components page 300</td>
</tr>
<tr>
<td>X88</td>
<td>Trailer Connector</td>
<td>Feature Code: 0008TRA</td>
<td>At the rear of the vehicle, near left frame rail</td>
<td>Rear of Frame Components page 323</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>X92</td>
<td>USB Receptacle</td>
<td>Feature Code: 0008RNW /</td>
<td>• (Feature Code: 0016XCN) In the passenger compartment, at left front of the center console</td>
<td>Floor Console Components page 302</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0008RNX</td>
<td>• (Without Feature Code: 0016XCN) In the passenger compartment, in the instrument panel compartment</td>
<td></td>
</tr>
<tr>
<td>X101</td>
<td>Engine Chassis Harness to Engine Harness</td>
<td>—</td>
<td>In the engine compartment, at the top of the engine, near A / C compressor, G1</td>
<td>Engine Harness Routing – Left Front page 197</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Engine Chassis Harness Routing – Left page 200</td>
</tr>
<tr>
<td>X102</td>
<td>Engine Chassis Harness To Engine Cooling Fan Harness</td>
<td>—</td>
<td>In the engine compartment, front center, near cooling fan</td>
<td>Engine Cooling Fan Harness Routing</td>
</tr>
<tr>
<td>X103</td>
<td>Forward Lamp Harness to Horn Jumper Harness</td>
<td>—</td>
<td>In the engine compartment, at left frame rail, rear of radiator</td>
<td>Floor Console Components page 302</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
<td>-------</td>
<td>------------------------------------------------</td>
<td>--------------</td>
<td>----------------------------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>X104</td>
<td>Forward Lamp Harness to Radiator Ground Harness</td>
<td>—</td>
<td>In the engine compartment, left side, above frame rail, rear of the radiator</td>
<td>Floor Console Components page 302</td>
</tr>
<tr>
<td>X105</td>
<td>Engine Chassis Harness to Engine Chassis Harness</td>
<td>—</td>
<td>In the engine compartment, at left front of engine</td>
<td>Engine Chassis Harness Routing - Left page 200</td>
</tr>
<tr>
<td>X108</td>
<td>Forward Lamp Harness to Left Fog Lamp Interconnect Harness</td>
<td>Feature Code: 0008XJG</td>
<td>In the engine compartment, left front, attached to hood</td>
<td>Forward Lamp Harness Routing - Left Front page 195</td>
</tr>
<tr>
<td>X109</td>
<td>Left Headlight Interconnect Harness to Forward Lamp Harness</td>
<td>—</td>
<td>In the engine compartment, left front, near front of left frame rail</td>
<td>• Forward Lamp Harness Routingpage 193</td>
</tr>
<tr>
<td>X110</td>
<td>Left Headlight Interconnect Harness to Left Headlight Harness</td>
<td>without 0008TUM</td>
<td>In the engine compartment, at the rear of the Left Headlight Assembly, E13LA</td>
<td>—</td>
</tr>
<tr>
<td>X110</td>
<td>Left Snow Plow Tee Harness to Left Headlight Harness</td>
<td>0008TUM</td>
<td>Installed by upfitter, In the engine compartment, at the rear of the E13LA Headlamp Assembly - Left</td>
<td>—</td>
</tr>
<tr>
<td>X111</td>
<td>Left Headlight Jumper Harness to Left Snow Plow Tee Harness</td>
<td>0008TUM</td>
<td>Installed by upfitter, In the engine compartment, left front, near E13LA Headlamp Assembly - Left</td>
<td>—</td>
</tr>
<tr>
<td>X112</td>
<td>Engine Harness to Engine Jumper Harness</td>
<td>—</td>
<td>In the engine compartment, at the top of the engine, attached to intake manifold, right of X113</td>
<td>• Engine Harness Routing – Left Front page 197</td>
</tr>
<tr>
<td>X113</td>
<td>Engine Harness to Engine Jumper Harness</td>
<td>—</td>
<td>In the engine compartment, at the top of the engine, attached to intake manifold, left of X112</td>
<td>• Engine Harness Routing – Left Front page 197</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Engine Jumper Harness Routing page 199</td>
</tr>
</tbody>
</table>
### Table 10  Master Electrical Component List (cont.)

<table>
<thead>
<tr>
<th>Code</th>
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<th>Option</th>
<th>Location</th>
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</tr>
</thead>
<tbody>
<tr>
<td>X115</td>
<td>Engine Harness to Body Harness</td>
<td>—</td>
<td>In the engine compartment, left rear, near Underhood Auxiliary Fuse Block, X50B</td>
<td>• Engine Chassis Harness Routing – Left page 200</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Bulkhead Components - Engine Compartment page 287</td>
</tr>
<tr>
<td>X118</td>
<td>Forward Lamp Harness to Right Fog Lamp Interconnect Harness</td>
<td>Feature Code: 0008XJG</td>
<td>In the engine compartment, right front, attached to hood</td>
<td>Forward Lamp Harness Routing page 193</td>
</tr>
<tr>
<td>X119</td>
<td>Right Headlight Interconnect Harness to Forward Lamp Harness</td>
<td>—</td>
<td>In the engine compartment, right front, near front of right frame rail</td>
<td>Forward Lamp Harness Routing - Right Front page 195</td>
</tr>
<tr>
<td>X120</td>
<td>Right Headlight Interconnect Harness to Right Headlight Harness</td>
<td>Without feature code: 0008TUM</td>
<td>In the engine compartment, at the rear of the Right Headlight Assembly, E13RA</td>
<td>—</td>
</tr>
<tr>
<td>X120</td>
<td>Right Snow Plow Tee Harness to Right Headlight Harness</td>
<td>0008TUM</td>
<td>Installed by upfitter, In the engine compartment, at the rear of the E13RA Headlamp Assembly - Right</td>
<td>—</td>
</tr>
<tr>
<td>X121</td>
<td>Right Headlight Jumper Harness to Right Snow Plow Tee Harness</td>
<td>0008TUM</td>
<td>Installed by upfitter, In the engine compartment, right front, near E13RA Headlamp Assembly - Right</td>
<td>—</td>
</tr>
<tr>
<td>X125</td>
<td>Engine Chassis Harness to Chassis Harness</td>
<td>—</td>
<td>Under the vehicle, at left side of transmission bell-housing</td>
<td>• Engine Chassis Harness Routing – Left page 223</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Body Harness Routing – Engine Compartment page 202</td>
</tr>
<tr>
<td>X138</td>
<td>Chassis Harness To Body Harness</td>
<td>—</td>
<td>In the engine compartment, left rear, near the rear of the Underhood Fuse Block, X50A</td>
<td>• Body Harness Routing – Engine Compartment page 202</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
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</tr>
<tr>
<td>X143</td>
<td>Reductant Control Module Jumper Harness to Engine Chassis Harness</td>
<td>—</td>
<td>Under the vehicle, along right frame rail, near reductant reservoir</td>
<td>Engine Chassis Harness Routing – Right page 201</td>
</tr>
</tbody>
</table>
| X150 | Forward Lamp Harness to Body Harness | — | In the engine compartment, left rear, near the rear of the Underhood Fuse Block, X50A | • Forward Lamp Harness Routing page 193  
• Bulkhead Components - Engine Compartment page 287 |
| X175 | Engine Chassis Harness to Transmission Harness | — | Under the vehicle, at the rear of the Automatic Transmission Assembly, T12 | Engine Chassis Harness Routing – Right page 201 |
| X180 | Hydromax Interconnect Harness to Chassis Harness | — | In the engine compartment, left rear, near brake master cylinder | Chassis Harness Routing page 223 |
| X191 | Engine Chassis Harness to Engine Chassis Harness | Feature Code: 0012WGG | Under the vehicle, along right frame rail, forward of the Power Take-Off Control Module, K44 | Engine Chassis Harness Routing – Right page 201 |
| X201 | Steering Column Harness to Instrument Panel Harness | — | In the passenger compartment, behind the left side of the instrument panel, near the steering column | • Instrument Panel Harness Routing page 212  
• Steering Column Harness Routing page 203 |
| X205 | Instrument Panel Harness to Passenger Instrument Panel Air Bag Harness | — | In the passenger compartment, behind the right side of the instrument panel near the center | • Instrument Panel Harness Routing page 211  
• Instrument Panel Harness Routing page 212 |
<p>| X206 | Passenger Instrument Panel Air Bag Jumper Harness to Passenger Instrument Panel Air Bag Harness | — | In the passenger compartment, behind the right side of the instrument panel near Passenger Instrument Panel Air Bag | — |</p>
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<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>X210</td>
<td>Instrument Panel Harness COAX to Antenna Jumper Harness COAX</td>
<td>Feature Code: 0008RNV</td>
<td>In the passenger compartment, between the instrument panel harness and the A-pillar</td>
<td>• Instrument Panel Harness Routing page 211</td>
</tr>
<tr>
<td></td>
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<td>• Instrument Panel Harness Routing page 212</td>
</tr>
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<td></td>
<td>• Right A-Pillar Harness Routing page 214</td>
</tr>
<tr>
<td>X211</td>
<td>Instrument Panel Harness COAX to Antenna Jumper Harness COAX</td>
<td>Feature Code: 0008RNX without 0008AAE</td>
<td>In the passenger compartment, at the top right of the instrument panel, under the defroster duct trim</td>
<td>Instrument Panel Harness Routing page 212</td>
</tr>
<tr>
<td>X212</td>
<td>Antenna Jumper Harness COAX to Instrument Panel Harness COAX</td>
<td>Feature Code: 0008AAE and 0592CV3</td>
<td>In the passenger compartment, at the top right of the instrument panel, under the defroster duct trim</td>
<td>—</td>
</tr>
<tr>
<td>X215</td>
<td>HVAC Harness to Instrument Panel Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the upper right side of the instrument panel</td>
<td>• HVAC Assembly Harness Routing page 204</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td>• Instrument Panel Harness Routing page 211</td>
</tr>
<tr>
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<td></td>
<td></td>
<td>• Instrument Panel Harness Routing page 212</td>
</tr>
<tr>
<td>X216</td>
<td>Body Harness To HVAC Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the lower right side of the instrument panel</td>
<td>• HVAC Assembly Harness Routing page 204</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Body Harness Routing – Passenger Compartment Right. page 218</td>
</tr>
<tr>
<td>X217</td>
<td>Body Harness To HVAC Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the lower right side of the instrument panel</td>
<td>• HVAC Assembly Harness Routing page 204</td>
</tr>
<tr>
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<td>• Body Harness Routing – Passenger Compartment Right. page 218</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
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<td>Location</td>
<td>Locator View</td>
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</tbody>
</table>
| X222 | Instrument Panel Harness COAX to Antenna Jumper Harness COAX | Feature Code: 0008AAE | • ((Feature Codes: 0008RNX) with (0008AAG) or (0008AAE with 0592CV3)) In the passenger compartment, between the instrument panel harness and the A-pillar  
• ((Feature Codes: 0008RNN or 0008RNW) with (0008AAG) or (0008AAE with 0592CV3)) In the passenger compartment, between the instrument panel harness and the A-pillar | • Instrument Panel Harness Routing page 211  
• Instrument Panel Harness Routing page 212  
• Right A-Pillar Harness Routing page 214 |
| X225 | Body Harness To Instrument Panel Harness | — | In the passenger compartment, behind the lower left side of the instrument panel | • Instrument Panel Harness Routing page 211  
• Body Harness Routing – Passenger Compartment Left page 216 |
| X245 | Antenna Jumper Harness COAX to Antenna Jumper Harness COAX | — | In the passenger compartment, at the top right of the instrument panel, under the defroster duct trim | Radio Coax Routing page 210 |
| X250 | Instrument Panel Harness to Instrument Panel Harness | Feature Code: 0008RNM | In the passenger compartment, in the instrument panel, near center, on breakout to A11 radio | — |
| X275 | Instrument Panel Harness to Body Harness | — | In the passenger compartment, behind the lower right side of the instrument panel | • Instrument Panel Harness Routing page 211  
• Body Harness Routing – Passenger Compartment Right. page 218 |
<p>| X300 | Instrument Panel Harness to Floor Console Harness | Feature Code: 0016XCN | In the passenger compartment, behind the lower center of the instrument panel | • Floor Console Harness Routing page 209 |</p>
<table>
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<tr>
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</thead>
</table>
| X301 | Body Harness USB to Instrumental Panel Harness USB | Without Feature Code: 0016XCN | In the passenger compartment, at the base of the right A-pillar behind the trim panel | • Instrument Panel Harness Routing page 212  
• Body Harness Routing – Passenger Compartment Right page 218 |
| X302 | Wireless Charger Harness to Floor Console Harness | 0016XCN | In the passenger compartment, forward of center, in the floor console | Floor Console Harness Routing (0016XCN) page 209 |
| X305 | Instrument Panel Harness to Headliner Harness | — | In the passenger compartment, behind the upper left side of the instrument panel, near the instrument cluster | • Instrument Panel Harness Routing page 211  
• Instrument Panel Harness Routing page 212  
• Headliner Harness Routing page 215 |
| X307 | Rear Window Defogger - Positive Harness to Body Harness | Feature Code: 0008AAB | At the rear of the passenger compartment, part of the rear window glass | Body Harness Routing – Passenger Compartment Left page 216 |
| X309 | Center Console Harness USB to Instrument Panel Harness USB | Feature Code: 0016XCN | Between the instrument panel harness and the front console | • Floor Console Harness Routing page 209  
• Instrument Panel Harness Routing page 212 |
| X310 | Driver Seat Cushion Harness to Body Harness | — | In the passenger compartment, under the driver seat cushion | • Driver Seat Cushion Harness Routing page 205  
• Body Harness Routing – Passenger Compartment Left page 216 |
| X311 | Driver Seat Back Harness to Driver Seat Cushion Harness | Feature Code: 0016KVV / 0016KVU | In the passenger compartment, under the driver seat cushion | • Driver Seat Cushion Harness Routing page 205  
• Driver Seat Back Harness Routing page 206 |
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<tr>
<th>Code</th>
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<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>X312</td>
<td>Driver Seat Back Harness to Driver Seat Cushion Harness</td>
<td>Feature Code: 0016XJR</td>
<td>In the passenger compartment, under the driver seat cushion</td>
<td>• Driver Seat Cushion Harness Routing page 205</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Driver Seat Back Harness Routing page 206</td>
</tr>
<tr>
<td>X313</td>
<td>Body Harness USB to Center Seat Harness USB</td>
<td>Without Feature Code: 0016XCN</td>
<td>In the passenger compartment, under the inboard side of the passenger seat, USB cable</td>
<td>Body Harness Routing – Passenger Compartment Right. page 218</td>
</tr>
<tr>
<td>X314</td>
<td>Center Seat Harness to Body Harness</td>
<td>Without Feature Code: 0016XCN</td>
<td>In the passenger compartment, under the driver seat</td>
<td>Body Harness Routing – Passenger Compartment Right. page 218</td>
</tr>
<tr>
<td>X315</td>
<td>Body Harness to Brake Clutch Harness</td>
<td>—</td>
<td>In the passenger compartment, near the middle of the left A-pillar</td>
<td>Body Harness Routing – Passenger Compartment Left page 216</td>
</tr>
<tr>
<td>X316</td>
<td>Headliner Harness to Overhead Console Harness</td>
<td>—</td>
<td>In the passenger compartment, above roof console</td>
<td>Headliner Harness Routing page 215</td>
</tr>
<tr>
<td>X317</td>
<td>Headliner Harness to Center High Mounted Stop Lamp Harness</td>
<td>—</td>
<td>In the passenger compartment, rear center, forward of the Center High Mounted Stop Lamp, E6</td>
<td>Headliner Harness Routing page 215</td>
</tr>
<tr>
<td>X319</td>
<td>Overhead Console Harness to Right A-Pillar Harness</td>
<td>Feature Code: 0008XKS</td>
<td>In the passenger compartment, in the headliner, between near the A-pillar</td>
<td>Right A-Pillar Harness Routing page 214</td>
</tr>
<tr>
<td>X320</td>
<td>Passenger Seat Cushion Harness to Body Harness</td>
<td>Feature Code: 0016KVV / AG2 / 0016XJR</td>
<td>In the passenger compartment, under the passenger seat cushion</td>
<td>• Passenger Seat Cushion Harness Routing page 207</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Body Harness Routing – Passenger Compartment Right. page 218</td>
</tr>
<tr>
<td>X321</td>
<td>Passenger Seat Back Harness to Passenger Seat Cushion Harness</td>
<td>Feature Code: 0016KVV / AG2</td>
<td>In the passenger compartment, under the passenger seat cushion</td>
<td>• Passenger Seat Cushion Harness Routing page 207</td>
</tr>
<tr>
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<td>• Passenger Seat Back Harness Routing page 208</td>
</tr>
</tbody>
</table>
### Table 10  Master Electrical Component List (cont.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
</table>
| X322  | Passenger Seat Back Harness to Passenger Seat Cushion Harness | Feature Code: 0016XJR  | In the passenger compartment, under the passenger seat cushion           | • Passenger Seat Cushion Harness Routing page 207  
<pre><code>                                       |                          |                                        |                              | • Passenger Seat Back Harness Routing page 208 |
</code></pre>
<p>| X330  | Chassis Harness to Battery Feed Harness   | (0008MVZ / 0008MWA)    | Under the vehicle, near the K17 Electronic Brake Control Module, along the left frame rail | Chassis Harness Routing page 223     |
| X380  | Body Harness to Roof Rail Air Bag - Left Harness | —                      | In the passenger compartment, near the top of the left rear pillar       | —                                     |
| X390  | Body Harness to Roof Rail Air Bag - Right Harness | —                      | In the passenger compartment, near the top of the right rear pillar      | —                                     |
| X401  | Chassis Rear Left Harness to Chassis Harness | —                      | Under the vehicle, along the left frame rail                             | —                                     |
| X402  | Chassis Rear Right Harness to Chassis Harness | —                      | Under the vehicle, near the left frame rail                              | —                                     |
| X405  | Body Builder Connection Harness to Chassis Harness | 0008HXV               | Under the vehicle, on left frame rail, near the rear of cab              | Chassis Harness Routing page 223     |
| X410  | Chassis Rear Left Harness to Tail Lamp Assembly - Left Harness | Without Feature Code: 0008TKD | At the rear of the vehicle, along left frame rail, at Left Tail Lamp Assembly, E42L | —                                     |
| X420  | Chassis Rear Right Harness to Tail Lamp Assembly - Right Harness | Without Feature Code: 0008TKD | At the rear of the vehicle, along right frame rail, at Right Tail Lamp Assembly, E42R | —                                     |
| X430  | Chassis Harness to Battery Feed Harness   | Feature Code: 0008MSD   | Behind the cab, on left frame rail, near temporary battery mount         | Chassis Harness Routing page 223     |
| X455  | Chassis Harness to Chassis Rear Right Harness | Feature Code: 0008HXU  | Under the vehicle, near the left frame rail                             | —                                     |</p>
<table>
<thead>
<tr>
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<th>Option</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>X495</td>
<td>Body Builder Connection Harness to Chassis Rear Right Harness</td>
<td>Feature Code: 0008HXU</td>
<td>At the rear of vehicle, near end of the right frame rail</td>
<td>Chassis Rear Right Harness Routing page 226</td>
</tr>
<tr>
<td>X499</td>
<td>Rearview Camera Jumper Harness to Chassis Rear Right Harness</td>
<td>Feature Code: 0008RNY</td>
<td>At the rear of vehicle, on right frame rail</td>
<td>Chassis Rear Right Harness Routing page 226</td>
</tr>
<tr>
<td></td>
<td>Driver Door Harness to Body Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the left side of the instrument panel</td>
<td></td>
</tr>
<tr>
<td>X500</td>
<td>Driver Door Harness To Driver Door Trim Harness</td>
<td>Feature Code: 0016WAK</td>
<td>In the driver door, behind the driver door panel</td>
<td>Driver Door and Driver Door Trim Harness Routing (Feature Code: 0016WAK) page 220</td>
</tr>
<tr>
<td>X505</td>
<td>Driver Door Trim Harness to Driver Door Harness</td>
<td>Without Feature Code: 0016WAK</td>
<td>In the driver door, behind the driver door panel</td>
<td>Driver Door and Passenger Door harness Routing (without Feature Code: 0016WAK) page 219</td>
</tr>
<tr>
<td>X506</td>
<td>Outside Rearview Mirror - Driver Harness to Driver Door Harness</td>
<td>Feature Code: 0016SPS</td>
<td>In the driver door, behind the driver door panel, near Driver Outside Rearview Mirror, A9A</td>
<td>Driver Door and Driver Door Trim Harness Routing (Feature Code: 0016WAK) page 220</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
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</table>
| X600 | Passenger Door Harness to Body Harness | — | In the passenger compartment, behind the right side of the instrument panel | • Body Harness Routing – Passenger Compartment Right. page 218  
• Driver Door and Passenger Door harness Routing (without Feature Code: 0016WAK) page 219  
• Passenger Door and Passenger Door Trim Harness Routing (Feature Code: 0016WAK) page 221 |
<p>| X605 | Passenger Door Harness to Passenger Door Trim Harness | Feature Code: 0016WAK | In the passenger door, behind the passenger door panel | • Passenger Door and Passenger Door Trim Harness Routing (Feature Code: 0016WAK) page 221 |
| X606 | Passenger Door Trim Harness to Passenger Door Harness | Without Feature Code: 0016WAK | In the passenger door, behind the passenger door panel | Driver Door and Passenger Door harness Routing (without Feature Code: 0016WAK) page 219 |
| X610 | Outside Rearview Mirror - Passenger Harness to Passenger Door Harness | Feature Code: 0016SPS | In the passenger door, behind the passenger door panel, near Passenger Outside Rearview Mirror, A9B | Passenger Door and Passenger Door Trim Harness Routing (Feature Code: 0016WAK) page 221 |
| X611 | Outside Rearview Mirror - Passenger Harness to Passenger Door Harness | Feature Code: 0016SPR | In the passenger door, behind the passenger door panel, near Passenger Outside Rearview Mirror, A9B | Passenger Door and Passenger Door Trim Harness Routing (Feature Code: 0016WAK) page 221 |</p>
<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>X700</td>
<td>Left Rear Door Harness to Body Harness</td>
<td>Crew Cab</td>
<td>In the passenger compartment, at the left B-pillar, near the middle</td>
<td>• Body Harness Routing – Passenger Compartment Left page 216</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Left Rear Door and Right Rear Door Harness Routing (Crew Cab) page 222</td>
</tr>
<tr>
<td>X800</td>
<td>Right Rear Door Harness to Body Harness</td>
<td>Crew Cab</td>
<td>In the passenger compartment, at the right B-pillar, near the middle</td>
<td>• Body Harness Routing – Passenger Compartment Right. page 218</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Left Rear Door and Right Rear Door Harness Routing (Crew Cab) page 222</td>
</tr>
<tr>
<td>G101</td>
<td>Forward Lamp Harness</td>
<td>—</td>
<td>In the engine compartment, on left frame rail, near second cross-member</td>
<td>G101, G399 and G401 page 324</td>
</tr>
<tr>
<td>G102</td>
<td>Forward Lamp Harness</td>
<td>—</td>
<td>In the engine compartment, on left frame rail, rear of front cross-member</td>
<td>G102 page 325</td>
</tr>
<tr>
<td>G108</td>
<td>Engine Ground Harness</td>
<td>—</td>
<td>In the vehicle underbody, along right frame rail, near reductant tank</td>
<td>G108, G398 and G402 page 326</td>
</tr>
<tr>
<td>G110</td>
<td>Engine Chassis Harness, Engine Ground Harness</td>
<td>—</td>
<td>In the engine compartment, at left front of engine</td>
<td>G110 and G112 page 327</td>
</tr>
<tr>
<td>G112</td>
<td>Engine Harness</td>
<td>—</td>
<td>In the engine compartment, on right front of engine, near camshaft position sensor</td>
<td>G110 and G112 page 327</td>
</tr>
<tr>
<td>G120</td>
<td>Engine Chassis Harness</td>
<td>—</td>
<td>In the engine compartment, on right front of engine, near oil pan, below G112</td>
<td>G120 page 328</td>
</tr>
<tr>
<td>G141</td>
<td>Battery Cable</td>
<td>—</td>
<td>Under the vehicle, at right front cab mounting rear of the frame</td>
<td>—</td>
</tr>
<tr>
<td>G180</td>
<td>Brake Booster Harness</td>
<td>—</td>
<td>In the engine compartment, left rear, on the master cylinder</td>
<td>G180, G198 and G199 page 329</td>
</tr>
</tbody>
</table>
### Table 10  Master Electrical Component List (cont.)

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>G198</td>
<td>Body Ground Harness</td>
<td>—</td>
<td>In the engine compartment, left rear, on the bulkhead</td>
<td>G180, G198 and G199 page 329</td>
</tr>
<tr>
<td>G199</td>
<td>Body Ground Harness</td>
<td>—</td>
<td>In the engine compartment, left rear, on the left frame rail, in wheelhouse, rear of shock</td>
<td>G180, G198 and G199 page 329</td>
</tr>
<tr>
<td>G210</td>
<td>Instrument Panel Harness</td>
<td>—</td>
<td>In the passenger compartment, under the instrument panel defroster grille, near the right A-pillar</td>
<td>G210 and G218 page 330</td>
</tr>
<tr>
<td>G218</td>
<td>Instrument Panel Harness</td>
<td>—</td>
<td>In the passenger compartment, under the instrument panel defroster grille, near the left A-pillar</td>
<td>G210 and G218 page 330</td>
</tr>
<tr>
<td>G311</td>
<td>Body Harness</td>
<td>—</td>
<td>In the passenger compartment, on the left side B-pillar, near floor, behind the trim panel</td>
<td>G311 and G325 page 331</td>
</tr>
<tr>
<td>G312</td>
<td>Body Harness</td>
<td>—</td>
<td>In the passenger compartment, on the right side B-pillar, near floor, behind the trim panel</td>
<td>G312 and G327 page 332</td>
</tr>
<tr>
<td>G325</td>
<td>Body Harness</td>
<td>—</td>
<td>In the passenger compartment, under the left side of the driver seat</td>
<td>G311 and G325 page 331</td>
</tr>
<tr>
<td>G327</td>
<td>Body Harness</td>
<td>—</td>
<td>In the passenger compartment, under the right side of the passenger seat</td>
<td>G312 and G327 page 332</td>
</tr>
<tr>
<td>G340</td>
<td>Battery Negative Cable</td>
<td>(0008MVZ / 0008MWA)</td>
<td>On the left frame rail near battery box</td>
<td>G340 and G380 page 333</td>
</tr>
<tr>
<td>G380</td>
<td>Rear Defogger Grid</td>
<td>Feature Code: 0008AAB</td>
<td>In the passenger compartment, below the passenger side of the rear window, mounted to the rear wall of the cab, behind the trim</td>
<td>G340 and G380 page 333</td>
</tr>
<tr>
<td>G398</td>
<td>Frame Ground Harness</td>
<td>—</td>
<td>Under the vehicle, attached to the right frame rail, under the cab</td>
<td>G108, G398 and G402 page 326</td>
</tr>
<tr>
<td>G399</td>
<td>Chassis Harness</td>
<td>—</td>
<td>Under the vehicle, on the left frame rail, between Electronic Brake Control Module, K17, and Fuel Pressure Sensor, B47</td>
<td>G101, G399 and G401 page 324</td>
</tr>
</tbody>
</table>
Table 10  Master Electrical Component List (cont.)

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<tr>
<th>Code</th>
<th>Name</th>
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<th>Location</th>
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</tr>
</thead>
<tbody>
<tr>
<td>G401</td>
<td>Chassis Rear Left Harness</td>
<td></td>
<td>Under the vehicle, on left frame rail</td>
<td>G101, G399 and G401 page 324</td>
</tr>
<tr>
<td>G402</td>
<td>Chassis Rear Right Harness</td>
<td></td>
<td>Under the vehicle, on right frame rail</td>
<td>G108, G398 and G402 page 326</td>
</tr>
<tr>
<td>G415</td>
<td>Chassis Rear Left Harness Feature Code: 0008TRA</td>
<td></td>
<td>Under the vehicle, on left frame rail</td>
<td></td>
</tr>
<tr>
<td>G440</td>
<td>Battery Negative Cable 0008VUV</td>
<td></td>
<td>Behind the cab, on frame rail, near temporary battery mount</td>
<td>• G440 (Left Frame Rail) page 335</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• G440 (Right Frame Rail) page 336</td>
</tr>
<tr>
<td>J101</td>
<td>Forward Lamp Harness Feature Code: 0008XJG</td>
<td></td>
<td>In the engine compartment, along left frame rail, in the main bundle between G102 and cross-frame branch</td>
<td>Forward Lamp Harness Routing page 193</td>
</tr>
<tr>
<td>J102</td>
<td>Forward Lamp Harness</td>
<td></td>
<td>In the engine compartment, along left frame rail, in the main bundle between G102 and cross-frame branch</td>
<td>Forward Lamp Harness Routing page 193</td>
</tr>
<tr>
<td>J103</td>
<td>Engine Chassis Harness Feature Code: 0008GJC</td>
<td></td>
<td>In the engine compartment, at front of engine, approximately 16 cm from Auxiliary Alternator (Generator), G13E, breakout</td>
<td></td>
</tr>
<tr>
<td>J104</td>
<td>Forward Lamp Harness Feature Code: 0008XJG</td>
<td></td>
<td>In the engine compartment, along front cross-member, between main bundle and JX100</td>
<td>Forward Lamp Harness Routing page 193</td>
</tr>
<tr>
<td>J105</td>
<td>Forward Lamp Harness</td>
<td></td>
<td>In the engine compartment, along front cross-member, between main bundle and JX100</td>
<td>Forward Lamp Harness Routing page 193</td>
</tr>
<tr>
<td>J108</td>
<td>Engine Harness</td>
<td></td>
<td>In the engine compartment, between Camshaft Position Sensor, B23, and Glow Plug 1, E12A, breakouts</td>
<td>Right Side of Engine Components page 290</td>
</tr>
<tr>
<td>J110</td>
<td>Left Headlight Harness</td>
<td></td>
<td>At the front of the vehicle, inside of assembly, Left Headlight Assembly, E13LA</td>
<td></td>
</tr>
<tr>
<td>J111</td>
<td>Left Snow Plow Light Harness Feature Code: 0008TUM</td>
<td></td>
<td>Installed by upfitter, In the engine compartment, left front, between X110 and X111</td>
<td></td>
</tr>
<tr>
<td>J112</td>
<td>Left Snow Plow Light Harness Feature Code: 0008TUM</td>
<td></td>
<td>Installed by upfitter, In the engine compartment, left front, between X110 and X111</td>
<td></td>
</tr>
</tbody>
</table>
Table 10  Master Electrical Component List (cont.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>J113</td>
<td>Engine Chassis Harness</td>
<td>—</td>
<td>In the engine compartment, left front, between Engine Control Module, K20, breakouts and X105 breakout</td>
<td>—</td>
</tr>
<tr>
<td>J114</td>
<td>Left Snow Plow Light Harness</td>
<td>Feature Code: 0008TUM</td>
<td>Installed by upfitter, In the engine compartment, left front, between X110 and X111</td>
<td>—</td>
</tr>
<tr>
<td>J116</td>
<td>Left Snow Plow Light Harness</td>
<td>Feature Code: 0008TUM</td>
<td>Installed by upfitter, In the engine compartment, left front, between X110 and X111</td>
<td>—</td>
</tr>
<tr>
<td>J117</td>
<td>Left Snow Plow Light Harness</td>
<td>Feature Code: 0008TUM</td>
<td>Installed by upfitter, In the engine compartment, left front, between X110 and X111</td>
<td>—</td>
</tr>
<tr>
<td>J120</td>
<td>Right Headlight Harness</td>
<td>—</td>
<td>At the front of the vehicle, inside of assembly, Right Headlight Assembly, E13RA</td>
<td>—</td>
</tr>
<tr>
<td>J121</td>
<td>Right Snow Plow Light Harness</td>
<td>Feature Code: 0008TUM</td>
<td>Installed by upfitter, In the engine compartment, right front, between X120 and X121</td>
<td>—</td>
</tr>
<tr>
<td>J122</td>
<td>Right Snow Plow Light Harness</td>
<td>Feature Code: 0008TUM</td>
<td>Installed by upfitter, In the engine compartment, right front, between X120 and X121</td>
<td>—</td>
</tr>
<tr>
<td>J123</td>
<td>Engine Chassis Harness</td>
<td>—</td>
<td>In the engine compartment, left side, between G120 and branch to radiator support</td>
<td>Engine Chassis Harness Routing – Left page 200</td>
</tr>
<tr>
<td>J124</td>
<td>Engine Chassis Harness</td>
<td>—</td>
<td>In the engine compartment, in front of oil pan, between G110 and G120</td>
<td>• Engine Harness Routing – Right Front page 198</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Engine Chassis Harness Routing – Left page 200</td>
</tr>
<tr>
<td>J125</td>
<td>Engine Chassis Harness</td>
<td>—</td>
<td>In the engine compartment, left front, approximately 84 cm from X105 breakout toward engine</td>
<td>—</td>
</tr>
<tr>
<td>J126</td>
<td>Engine Chassis Harness</td>
<td>—</td>
<td>In the engine compartment, in front of oil pan, between G110 and G120</td>
<td>Engine Chassis Harness Routing – Left page 200</td>
</tr>
<tr>
<td>J127</td>
<td>Right Snow Plow Light Harness</td>
<td>Feature Code: 0008TUM</td>
<td>Installed by upfitter, In the engine compartment, right front, between X120 and X121</td>
<td>—</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
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</tr>
<tr>
<td>J129</td>
<td>Right Snow Plow Light Harness</td>
<td>Feature Code:</td>
<td>Installed by upfitter, In the engine compartment, right front, between X120 and X121</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0008TUM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J130</td>
<td>Right Snow Plow Light Harness</td>
<td>Feature Code:</td>
<td>Installed by upfitter, In the engine compartment, right front, between X120 and X121</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0008TUM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J132</td>
<td>Engine Chassis Harness</td>
<td></td>
<td>In the engine compartment, left rear, in the main bundle, approximately 16 cm from branch to Underhood Fuse Block, X50A, X3, Underhood Auxiliary Fuse Block, X50B, and X115</td>
<td>—</td>
</tr>
<tr>
<td>J138</td>
<td>Chassis Harness</td>
<td>Feature Code:</td>
<td>In the engine compartment, approximately 8 cm from X138</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0008RNY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J139</td>
<td>Chassis Harness</td>
<td></td>
<td>In the engine compartment, approximately 35 cm from Underhood Fuse Block, X50A, X4</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>J142</td>
<td>Transmission Harness</td>
<td></td>
<td>Under the vehicle, inside the transmission assembly</td>
<td>—</td>
</tr>
<tr>
<td>J143</td>
<td>Transmission Harness</td>
<td></td>
<td>Under the vehicle, inside the transmission assembly</td>
<td>—</td>
</tr>
<tr>
<td>J144</td>
<td>Transmission Harness</td>
<td></td>
<td>Under the vehicle, inside the transmission assembly</td>
<td>—</td>
</tr>
<tr>
<td>J152</td>
<td>Engine Chassis Harness</td>
<td></td>
<td>In the engine compartment, left front, approximately 50 cm from Transmission Control Module, K71</td>
<td>—</td>
</tr>
<tr>
<td>J153</td>
<td>Engine Chassis Harness</td>
<td></td>
<td>In the engine compartment, left front, approximately 31 cm from Transmission Control Module, K71</td>
<td>—</td>
</tr>
<tr>
<td>J165</td>
<td>Engine Chassis Harness</td>
<td></td>
<td>In the engine compartment, left front, approximately 10 cm from X105 breakout toward engine</td>
<td>—</td>
</tr>
<tr>
<td>J180</td>
<td>Hydromax Interconnect Harness</td>
<td></td>
<td>In the engine compartment, left rear</td>
<td>—</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
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</tr>
<tr>
<td>J181</td>
<td>Hydromax Interconnect Harness</td>
<td>—</td>
<td>In the engine compartment, left rear</td>
<td>—</td>
</tr>
<tr>
<td>J182</td>
<td>Hydromax Interconnect Harness</td>
<td>—</td>
<td>In the engine compartment, left rear</td>
<td>—</td>
</tr>
<tr>
<td>J183</td>
<td>Hydromax Interconnect Harness</td>
<td>—</td>
<td>In the engine compartment, left rear</td>
<td>—</td>
</tr>
<tr>
<td>J184</td>
<td>Hydromax Interconnect Harness</td>
<td>—</td>
<td>In the engine compartment, left rear</td>
<td>—</td>
</tr>
<tr>
<td>J194</td>
<td>Engine Chassis Harness Feature Code: 0012WGG</td>
<td>Under the vehicle, along right frame rail, approximately 10 cm rear of X191</td>
<td>Engine Chassis Harness Routing – Right page 201</td>
<td></td>
</tr>
<tr>
<td>J195</td>
<td>Engine Chassis Harness Feature Code: 0012WGG</td>
<td>Under the vehicle, along right frame rail, between X143 and Reductant Injector, Q61</td>
<td>Engine Chassis Harness Routing – Right page 201</td>
<td></td>
</tr>
<tr>
<td>J196</td>
<td>Engine Chassis Harness</td>
<td>—</td>
<td>In the engine compartment, left rear, approximately 22 cm from Underhood Auxiliary Fuse Block, X50B</td>
<td>Engine Chassis Harness Routing – Right page 201</td>
</tr>
<tr>
<td>J197</td>
<td>Engine Chassis Harness</td>
<td>—</td>
<td>In the engine compartment, left rear, approximately 17 cm from Underhood Auxiliary Fuse Block, X50B</td>
<td>Engine Chassis Harness Routing – Right page 201</td>
</tr>
<tr>
<td>J200</td>
<td>Instrument Panel Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the left side of the instrument panel, in the main bundle, between X225 and JX200</td>
<td>Instrument Panel Harness Routing page 211, Instrument Panel Harness Routing page 212</td>
</tr>
<tr>
<td>J201</td>
<td>Instrument Panel Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the left side of the instrument panel, in the main bundle, between X225 and JX200</td>
<td>Instrument Panel Harness Routing page 211, Instrument Panel Harness Routing page 212</td>
</tr>
<tr>
<td>J204</td>
<td>Steering Column Harness</td>
<td>—</td>
<td>In the passenger compartment, on the steering column assembly</td>
<td>—</td>
</tr>
</tbody>
</table>
## Table 10 Master Electrical Component List (cont.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>J205</td>
<td>Instrument Panel Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the left side of the instrument panel, between G218 and Instrument Cluster, P16</td>
<td>• Instrument Panel Harness Wiring page 211</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Instrument Panel Harness Wiring page 212</td>
</tr>
<tr>
<td>J210</td>
<td>Instrument Panel Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the left side of the instrument panel, between G218 and branch to Serial Data Gateway Module, K56</td>
<td>Instrument Panel Harness Routing page 211</td>
</tr>
<tr>
<td>J211</td>
<td>Instrument Panel Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the left side of the instrument panel, between X225 and X84 Data Link Connector</td>
<td>• Instrument Panel Harness Wiring page 211</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Instrument Panel Harness Wiring page 212</td>
</tr>
<tr>
<td>J212</td>
<td>Instrument Panel Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the left side of the instrument panel, approximately 4 cm from breakout to X225</td>
<td>• Instrument Panel Harness Wiring page 211</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Instrument Panel Harness Wiring page 212</td>
</tr>
<tr>
<td>J213</td>
<td>Instrument Panel Harness</td>
<td>• Feature Code: 0008RNN / 0008RNM • Feature Code: 0008RNW / 0008RNX</td>
<td>In the passenger compartment, behind the left side of the instrument panel, approximately 40 cm from X51L Fuse Block - Instrument Panel Left X2</td>
<td>• Instrument Panel Harness Wiring page 211</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Instrument Panel Harness Wiring page 212</td>
</tr>
<tr>
<td>J215</td>
<td>Instrument Panel Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the right side of the instrument panel, in the main bundle, between branch to X51R Fuse Block - Instrument Panel Right X2 and X205</td>
<td>• Instrument Panel Harness Wiring page 211</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Instrument Panel Harness Wiring page 212</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
<td>-------</td>
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<td>--------------------------------------------------------------------------</td>
<td>---------------------------------------------------</td>
</tr>
<tr>
<td>J216</td>
<td>HVAC Harness</td>
<td>Feature Code:</td>
<td>In the passenger compartment, behind the glove box, in the HVAC harness</td>
<td>HVAC Assembly Harness Routing page 204</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J220</td>
<td>Instrument Panel Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the center of the instrument panel,</td>
<td>Instrument Panel Harness Routing page 212</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>in the main bundle, between P17 Info Display Module and A11 Radio X1</td>
<td></td>
</tr>
<tr>
<td>J240</td>
<td>Instrument Panel Harness</td>
<td>Feature Code:</td>
<td>In the passenger compartment, behind the center of the instrument panel,</td>
<td>Instrument Panel Harness Routing page 211, 212</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0016XCN / 0008XJX</td>
<td>in the main bundle, between P17 Info Display Module and A11 Radio X1</td>
<td></td>
</tr>
<tr>
<td>J241</td>
<td>Instrument Panel Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the right side of the instrument</td>
<td>Instrument Panel Harness Routing page 211, 212</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>panel, in the main bundle, between branch to X51R Fuse Block - Instrument</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Panel Right X2 and X205</td>
<td></td>
</tr>
<tr>
<td>J242</td>
<td>Instrument Panel Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the right side of the instrument</td>
<td>Instrument Panel Harness Routing page 211, 212</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>panel, in the main bundle, between branch to X51R Fuse Block - Instrument</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Panel Right X2 and X205</td>
<td></td>
</tr>
<tr>
<td>J245</td>
<td>Instrument Panel Harness</td>
<td>Feature Code:</td>
<td>In the passenger compartment, behind the center of the instrument panel,</td>
<td>Instrument Panel Harness Routing page 212</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0016XJR</td>
<td>in the main bundle, between P16 Instrument Cluster and A11 Radio</td>
<td></td>
</tr>
<tr>
<td>J249</td>
<td>Instrument Panel Harness</td>
<td>Feature Code:</td>
<td>In the passenger compartment, behind the center of the instrument panel,</td>
<td>Instrument Panel Harness Routing page 212</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0008RNW / 0008RNX</td>
<td>in the main bundle, between P17 Info Display Module and A11 Radio X1</td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
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</tr>
<tr>
<td>J250</td>
<td>Instrument Panel Harness</td>
<td>Feature Code: 0008RNS</td>
<td>In the passenger compartment, behind the center of the instrument panel, in the main bundle, between P17 Info Display Module and X205</td>
<td>—</td>
</tr>
<tr>
<td>J251</td>
<td>Instrument Panel Harness</td>
<td>Feature Code: 0008RNM</td>
<td>In the passenger compartment, behind the center of the instrument panel, in the main bundle, between P17 Info Display Module and A11 Radio X1</td>
<td>Instrument Panel Harness Routing page 211</td>
</tr>
<tr>
<td>J255</td>
<td>HVAC Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the glove box, in the HVAC harness</td>
<td>HVAC Assembly Harness Routing page 204</td>
</tr>
<tr>
<td>J257</td>
<td>HVAC Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the glove box, in the HVAC harness</td>
<td>HVAC Assembly Harness Routing page 204</td>
</tr>
<tr>
<td>J260</td>
<td>Instrument Panel Harness</td>
<td>Feature Code: 0008RNW / 0008RNX + 0008AAE</td>
<td>In the passenger compartment, behind the center of the instrument panel, in the main bundle, between P17 Info Display Module and X205</td>
<td>—</td>
</tr>
<tr>
<td>J266</td>
<td>Instrument Panel Harness</td>
<td>Feature Code: 0008RNM</td>
<td>In the passenger compartment, behind the center of the instrument panel, in the main bundle, between P17 Info Display Module and A11 Radio X1</td>
<td>Instrument Panel Harness Routing page 211</td>
</tr>
<tr>
<td>J285</td>
<td>Steering Wheel Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the driver air bag</td>
<td>—</td>
</tr>
</tbody>
</table>
| J289  | Instrument Panel Harness | —                       | In the passenger compartment, behind the center of the instrument panel, in the main bundle, between P16 Instrument Cluster and A11 Radio | • Instrument Panel Harness Routing page 211  
• Instrument Panel Harness Routing page 212 |
<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
</table>
| J290 | Instrument Panel Harness | Feature Code: 0008XJP / 14899 | In the passenger compartment, behind the center of the instrument panel, in the main bundle, between P17 Info Display Module and A11 Radio X1 | • Instrument Panel Harness Routing page 211  
• Instrument Panel Harness Routing page 212 |
<p>| J292 | Right A-Pillar Harness | — | In the passenger compartment, above the headliner, approximately 42 cm from E3E Roof Clearance Lamp - Right Front Outer | Right A-Pillar Harness Routing page 214 |
| J293 | Right A-Pillar Harness | — | In the passenger compartment, above the headliner, approximately 57 cm from E3E Roof Clearance Lamp - Right Front Outer | Right A-Pillar Harness Routing page 214 |
| J295 | Steering Wheel Harness | Feature Code: UK3 | In the passenger compartment, behind the driver air bag | — |
| J299 | Body Harness | Feature Code: 0008TRA | In the passenger compartment, behind the instrument panel, approximately 34 cm from K9 Body Control Module X7, in the formed conduit | Body Harness Routing – Passenger Compartment Left page 216 |
| J300 | Body Harness | — | In the passenger compartment, behind the instrument panel, between B80 Park Brake Switch breakout and X315 breakout | Body Harness Routing – Passenger Compartment Left page 216 |
| J301 | Body Harness | — | In the passenger compartment, behind the instrument panel, approximately 30 cm from X51L Fuse Block - Instrument Panel Left X1 | Body Harness Routing – Passenger Compartment Left page 216 |
| J302 | Body Harness | Feature Code: 0016SPS | In the passenger compartment, behind the instrument panel, between B80 Park Brake Switch breakout and X315 breakout | Body Harness Routing – Passenger Compartment Left page 216 |</p>
<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>J303</td>
<td>Roof Console Harness</td>
<td>—</td>
<td>In the passenger compartment, above the roof console, approximately 16 cm from E37ER Dome / Reading Lamps - Front Overhead Console Right</td>
<td>—</td>
</tr>
<tr>
<td>J304</td>
<td>Body Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the instrument panel, approximately 34 cm from X51L Fuse Block - Instrument Panel Left X1</td>
<td>Body Harness Routing – Passenger Compartment Left page 216</td>
</tr>
<tr>
<td>J307</td>
<td>Body Harness</td>
<td>—</td>
<td>In the engine compartment, in the main bundle, between X115 and X50A Fuse Block - Underhood X1</td>
<td>Bulkhead Components - Engine Compartment page 287</td>
</tr>
<tr>
<td>J309</td>
<td>Body Harness</td>
<td>Feature Code: 0008HBW / 0013TLP (0013WDB)</td>
<td>In the passenger compartment, in the formed conduit at the driver door opening</td>
<td>Body Harness Routing – Passenger Compartment Left page 216</td>
</tr>
<tr>
<td>J310</td>
<td>Headliner Harness</td>
<td>Crew Cab / Feature Code: 0016XCS</td>
<td>In the passenger compartment, above the headliner, near the left B-pillar, approximately 63 cm from X316</td>
<td>Headliner Harness Routing page 215</td>
</tr>
<tr>
<td>J312</td>
<td>Headliner Harness</td>
<td>Crew Cab</td>
<td>In the passenger compartment, above the headliner, near the left B-pillar, approximately 60 cm from X316</td>
<td>Headliner Harness Routing page 215</td>
</tr>
<tr>
<td>J313</td>
<td>Driver Seat Cushion Harness</td>
<td>Feature Code: 0016XJR</td>
<td>In the driver seat cushion</td>
<td>—</td>
</tr>
<tr>
<td>J317</td>
<td>Headliner Harness</td>
<td>Crew Cab</td>
<td>In the passenger compartment, above the headliner, left of center, approximately 49 cm from X316</td>
<td>Headliner Harness Routing page 215</td>
</tr>
<tr>
<td>J319</td>
<td>Driver Seat Cushion Harness</td>
<td>Feature Code: 0016XJR</td>
<td>In the driver seat cushion, approximately 52 cm from X310</td>
<td>Driver Seat Cushion Harness Routing page 205</td>
</tr>
<tr>
<td>J320</td>
<td>Driver Seat Cushion Harness</td>
<td>Feature Code: 0016XJR</td>
<td>In the driver seat cushion, approximately 51 cm from X310</td>
<td>Driver Seat Cushion Harness Routing page 205</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
<td>-------</td>
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<td>--------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>J321</td>
<td>Passenger Seat Cushion Harness</td>
<td>Feature Code: 0016XJR</td>
<td>In the passenger seat cushion, approximately 22 cm from X322</td>
<td>Passenger Seat Cushion Harness Routing page 207</td>
</tr>
<tr>
<td>J323</td>
<td>Passenger Seat Cushion Harness</td>
<td>Feature Code: 0016XJR</td>
<td>In the passenger seat cushion</td>
<td>—</td>
</tr>
<tr>
<td>J331</td>
<td>Body Harness</td>
<td>Crew Cab</td>
<td>In the passenger compartment, in the formed conduit at the passenger door opening</td>
<td>Body Harness Routing – Passenger Compartment Right. page 218</td>
</tr>
<tr>
<td>J332</td>
<td>Headliner Harness</td>
<td>—</td>
<td>In the passenger compartment, above the headliner, near the left B-pillar, approximately 83 cm from X316</td>
<td>Headliner Harness Routing page 215</td>
</tr>
<tr>
<td>J333</td>
<td>Roof Console Harness</td>
<td>—</td>
<td>In the passenger compartment, above the roof console, approximately 30 cm from E37EL Dome / Reading Lamps - Front Overhead Console Left</td>
<td>—</td>
</tr>
<tr>
<td>J350</td>
<td>Body Harness</td>
<td>Feature Code: 0008RNM / 0008RNY</td>
<td>• (Crew Cab) In the passenger compartment, left side, near driver seat, in the cross-vehicle bundle, between the main bundle and G325</td>
<td>Body Harness Routing – Passenger Compartment Left page 216</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• (Standard Cab) In the passenger compartment, center, in the cross-vehicle bundle, approximately 13 cm from branch to K36 Inflatable Restraint Sensing and Diagnostic Module</td>
<td></td>
</tr>
<tr>
<td>J357</td>
<td>Body Harness</td>
<td>—</td>
<td>In the passenger compartment, behind the instrument panel, approximately 40 cm from K9 Body Control Module X5, in the formed conduit</td>
<td>Body Harness Routing – Passenger Compartment Left page 216</td>
</tr>
<tr>
<td>J358</td>
<td>Floor Console</td>
<td>Feature Code: 0016XCN</td>
<td>In the center console, approximately 58 cm rear of X300</td>
<td>Floor Console Harness Routing page 209</td>
</tr>
</tbody>
</table>
Table 10  Master Electrical Component List (cont.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>J360</td>
<td>Body Harness</td>
<td>—</td>
<td>In the passenger compartment, left side, near driver seat, in the cross-vehicle bundle,</td>
<td>Body Harness Routing – Passenger Compartment Left</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>between the branch to K36 Inflatable Restraint Sensing and Diagnostic Module and G325</td>
<td>page 216</td>
</tr>
<tr>
<td>J361</td>
<td>Body Harness</td>
<td>Crew Cab</td>
<td>In the passenger compartment, in the formed conduit at the passenger door opening</td>
<td>Body Harness Routing – Passenger Compartment Right page 218</td>
</tr>
<tr>
<td>J362</td>
<td>Body Harness</td>
<td>Feature Code: 0016LVT</td>
<td>In the passenger compartment, left side, near passenger seat, in the cross-vehicle bundle,</td>
<td>Body Harness Routing – Passenger Compartment Right page 218</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>approximately 11 cm from G327, toward center</td>
<td></td>
</tr>
<tr>
<td>J365</td>
<td>Body Harness</td>
<td>—</td>
<td>In the passenger compartment, in the formed conduit at the driver door opening</td>
<td>Body Harness Routing – Passenger Compartment Left page 216</td>
</tr>
<tr>
<td>J366</td>
<td>Body Harness</td>
<td>Crew Cab</td>
<td>In the passenger compartment, in the formed conduit at the passenger door opening</td>
<td>Body Harness Routing – Passenger Compartment Right page 218</td>
</tr>
<tr>
<td>J367</td>
<td>Body Harness</td>
<td>• Crew Cab • Standard Cab</td>
<td>• In the passenger compartment, behind the instrument panel, in the main bundle, between X225 and X51L Fuse Block - Instrument Panel Left X1 • In the engine compartment, in the main bundle, between X115 and X50A Fuse Block - Underhood X1</td>
<td>• Bulkhead Components - Engine Compartment page 287 • Body Harness Routing – Passenger Compartment Left page 216</td>
</tr>
<tr>
<td>J370</td>
<td>Body Harness</td>
<td>Crew Cab</td>
<td>In the passenger compartment, left side, near driver seat, in the cross-vehicle bundle,</td>
<td>Body Harness Routing – Passenger Compartment Left</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>between the main bundle and G325</td>
<td>page 216</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
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</tr>
<tr>
<td>J373</td>
<td>Body Harness</td>
<td>—</td>
<td>In the passenger compartment, right front, approximately 4 cm rearward of JX200</td>
<td>Instrument Panel Harness Routing page 211</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Body Harness Routing – Passenger Compartment Right. page 218</td>
</tr>
<tr>
<td>J383</td>
<td>Body Harness</td>
<td>—</td>
<td>In the passenger compartment, in the formed conduit at the driver door opening</td>
<td>Body Harness Routing – Passenger Compartment Left page 216</td>
</tr>
<tr>
<td>J384</td>
<td>Body Harness</td>
<td>Feature Code: 0016WAK</td>
<td>In the passenger compartment, in the formed conduit at the driver door opening</td>
<td>Body Harness Routing – Passenger Compartment Left page 216</td>
</tr>
<tr>
<td>J395</td>
<td>Chassis Harness</td>
<td>—</td>
<td>Under the vehicle, approximately 27 cm from K17 Electronic Brake Control Module</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>J396</td>
<td>Chassis Harness</td>
<td>—</td>
<td>Under the vehicle, approximately 21 cm from K17 Electronic Brake Control Module</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>J397</td>
<td>Chassis Harness</td>
<td>—</td>
<td>Under the vehicle, approximately 5 cm from K17 Electronic Brake Control Module</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>J398</td>
<td>Chassis Harness</td>
<td>—</td>
<td>Under the vehicle, in the breakout to K111 Fuel Pump Driver Control Module</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>J399</td>
<td>Chassis Harness</td>
<td>—</td>
<td>Under the vehicle, in the cross-over to right frame rail</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>J400</td>
<td>Chassis Harness</td>
<td>—</td>
<td>Under the vehicle, approximately 48 cm from X401</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>J401</td>
<td>Chassis Harness</td>
<td>Feature Code: 0015DSZ / 0015SZP</td>
<td>Under the vehicle in the breakout to A6C Fuel Pump and Level Sensor Assembly - Primary</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>J410</td>
<td>Chassis Harness</td>
<td>Feature Code: 0008HBW plus 0008HXV / 0008HXU)</td>
<td>Under the vehicle, in the main bundle, approximately 8 cm behind breakout to E11A Fuel Heater / Water in Fuel Sensor</td>
<td>—</td>
</tr>
<tr>
<td>Code</td>
<td>Name</td>
<td>Option</td>
<td>Location</td>
<td>Locator View</td>
</tr>
<tr>
<td>------</td>
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<td>-----------------------</td>
<td>--------------------------------------------------------------------------</td>
<td>----------------------------------------</td>
</tr>
<tr>
<td>J411</td>
<td>Chassis Harness</td>
<td>Feature Code: 0008HXV / 0008HXU</td>
<td>Under the vehicle, in the main bundle, approximately 22 cm behind breakout to E11A Fuel Heater / Water in Fuel Sensor</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>J417</td>
<td>Chassis Harness</td>
<td>Feature Code: 0015DSZ</td>
<td>Under the vehicle, approximately 13 cm from X401</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>J418</td>
<td>Chassis Harness</td>
<td>Feature Code: 0015SZN</td>
<td>Under the vehicle, approximately 15 cm from X401</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>J419</td>
<td>Chassis Harness</td>
<td>Feature Code: 0008RNY</td>
<td>Under the vehicle, approximately 18 cm from X402</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>J420</td>
<td>Chassis Harness</td>
<td>Feature Code: 0008HXV / 0008HXU</td>
<td>Under the vehicle, approximately 23 cm from X401</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>J421</td>
<td>Chassis Harness</td>
<td>Feature Code: 0008HXV / 0008HXU</td>
<td>Under the vehicle, approximately 25 cm from X401</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>J422</td>
<td>Chassis Harness</td>
<td>Feature Code: 0008HXV / 0008HXU / 0016SPS</td>
<td>Under the vehicle, approximately 30 cm from X401</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>J423</td>
<td>Chassis Harness</td>
<td>Feature Code: 0008HXV / 0008HXU</td>
<td>Under the vehicle, approximately 34 cm from X401</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>J450</td>
<td>Chassis Rear Left Harness</td>
<td>—</td>
<td>Under the vehicle, on left frame rail, rear of G401</td>
<td>Chassis Rear Left Harness Routing page 225</td>
</tr>
<tr>
<td>J460</td>
<td>Chassis Rear Right Harness</td>
<td>Feature Code: 0015SZN</td>
<td>Under the vehicle, rear of X402</td>
<td>Chassis Rear Right Harness Routing page 226</td>
</tr>
<tr>
<td>J461</td>
<td>Chassis Rear Right Harness</td>
<td>Feature Code: 0008RNY</td>
<td>Under the vehicle, approximately 19 cm rear of X402</td>
<td>Chassis Rear Right Harness Routing page 226</td>
</tr>
<tr>
<td>J462</td>
<td>Chassis Rear Right Harness</td>
<td>Feature Code: 0008RNY</td>
<td>Under the vehicle, approximately 21 cm forward of B87 Rearview Camera</td>
<td>Chassis Rear Right Harness Routing page 226</td>
</tr>
<tr>
<td>J463</td>
<td>Chassis Rear Right Harness</td>
<td>Feature Code: 0015SZN</td>
<td>Under the vehicle, approximately 15 cm from A6C Fuel Pump and Level Sensor Assembly - Primary</td>
<td>Chassis Rear Right Harness Routing page 226</td>
</tr>
</tbody>
</table>
### Table 10  Master Electrical Component List (cont.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
<tbody>
<tr>
<td>J490</td>
<td>Chassis Harness</td>
<td>—</td>
<td>Under the vehicle, in the branch to B136 Exhaust Particulate Matter Sensor</td>
<td>Chassis Harness Routing page 223</td>
</tr>
<tr>
<td>J505</td>
<td>Driver Door Trim Harness</td>
<td>Feature Code: 0016WAK</td>
<td>In the driver door trim, approximately 20 cm from E63D Flood Lamp - Driver Door Handle</td>
<td>—</td>
</tr>
</tbody>
</table>
| J515  | Driver Door Harness        | —               | In the driver door, in main bundle, approximately 4 cm rear of branch to X505 / X506 | • Driver Door and Passenger Door harness Routing (without Feature Code: 0016WAK) page 219  
  • Driver Door and Driver Door Trim Harness Routing (Feature Code: 0016WAK)page 220 |
| J519  | Driver Door Trim Harness   | Feature Code: 0016SPS | In the driver door trim, approximately 5 cm from E63D Flood Lamp - Driver Door Handle breakout | Driver Door and Driver Door Trim Harness Routing (Feature Code: 0016WAK)page 220 |
| J520  | Outside Rearview Mirror - Driver Harness | Feature Code: 0016SPS | Outside the vehicle, inside of assembly, A9A Outside Rearview Mirror - Driver | —                                                                            |
| J550  | Driver Door Harness        | Feature Code: 0016WAK | In the driver door, between P19AG Speaker - Left Front Door and M74D Window Motor - Driver | Driver Door and Driver Door Trim Harness Routing (Feature Code: 0016WAK)page 220 |
| J605  | Passenger Door Trim Harness| Feature Code: 0016WAK | In the passenger door, approximately 19 cm from E63P Flood Lamp - Passenger Door Handle | —                                                                            |
Table 10 Master Electrical Component List (cont.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Option</th>
<th>Location</th>
<th>Locator View</th>
</tr>
</thead>
</table>
| J615   | Passenger Door Harness           | —      | In the passenger door, in the main bundle, between X605 / X606 and P19AH Speaker - Right Front Door | • Driver Door and Passenger Door Harness Routing (without Feature Code: 0016WAK)page 219  
         |                                  |        |                                                                          | • Passenger Door and Passenger Door Trim Harness Routing (Feature Code: 0016WAK)page 221 |
| J620   | Outside Rearview Mirror - Passenger Harness | Feature Code: 0016SPS | Outside the vehicle, inside of assembly, A9B Outside Rearview Mirror - Passenger | —                                                                            |
| J715   | Left Rear Door Harness           | Crew Cab | In the left rear door, near the front window track, approximately 5 cm away from the breakout to S79LR Window Switch - Left Rear | Left Rear Door and Right Rear Door Harness Routing (Crew Cab)page 222          |
| J815   | Right Rear Door Harness          | Crew Cab | In the right rear door, near the front window track, approximately 5 cm away from the breakout to S79RR Window Switch - Right Rear | Left Rear Door and Right Rear Door Harness Routing (Crew Cab)page 222          |
| JX100  | Forward Lamp Harness            | —      | Under the vehicle, along front frame cross member, left of center         | Forward Lamp Harness Routingpage 193                                         |
| JX200  | Instrument Panel Harness        | —      | In the passenger compartment, at the base of the left A-pillar behind the trim panel, near X201 | • Instrument Panel Harness Routingpage 212                                    |
| JX300  | Body Harness                    | —      | In the passenger compartment, at the base of the right A-pillar behind the trim panel | —                                                                            |
| JX301  | Chassis Harness                 | —      | Under the vehicle, in the cross-over to right frame rail                  | Chassis Harness Routingpage 223                                             |
| JX302  | Chassis Harness                 | —      | Under the vehicle, in the cross-over to right frame rail                  | Chassis Harness Routingpage 223                                             |
| JX402  | Chassis Rear Right Harness      | —      | Under the vehicle, on right frame rail, rear of G402                      | Chassis Rear Right Harness Routingpage 226                                   |
Front of Vehicle / Engine Compartment Component Views

1. T4M Radio Antenna
2. E3E Roof Clearance Lamp - Right Front Outer
3. E3C Roof Clearance Lamp - Front Middle
4. T2RF Antenna - Roof Front (Feature Code: 0008RNX / 0008RNV / 0008AAE)
5. E3A Roof Clearance Lamp - Left Front Outer
6. A9A Outside Rearview Mirror - Driver
7. E2LM Side Marker Lamp - Left Middle (Feature Code: 0016SPS)
8. E4G Headlight - Left Low Beam
9. E13LA Headlamp Assembly - Left
10. E4SPark / Turn Signal Lamp - Left Upper
11. E4QPark / Turn Signal Lamp - Left Lower
12. E4E Headlight - Left High Beam
13. E29LFFog Lamp - Left Front (Feature Code: 0008XJG)
14. E29RFFog Lamp - Right Front (Feature Code: 0008XJG)
15. E4F Headlight - Right High Beam
16. E4RPark / Turn Signal Lamp - Right Lower
17. E13RA Headlamp Assembly - Right
18. E4TPark / Turn Signal Lamp - Right Upper
19. E4HHeadlight - Right Low Beam
20. E2RMSide Marker Lamp - Right Middle (Feature Code: 0016SPS)
21. A9B Outside Rearview Mirror - Passenger

**Figure 204  Front of Vehicle Components**

1. E37EL Dome / Reading Lamps - Front Overhead Console Left
2. KR58 Roof Beacon Relay
3. S12 Dome Lamp Switch
4. E37ER Dome / Reading Lamps - Front Overhead Console Right
5. S63 Roof Beacon Switch
6. P14 Passenger Air Bag Disabled Indicator
7. E1L Accent Lamp - Overhead Console

**Figure 205  Overhead Console Components**
1. B88D Seat Belt Switch - Driver
2. E14A Seat Heating Element - Driver Back
3. F106D Seat Side Air Bag - Driver
4. S64D Seat Adjuster Switch - Driver
5. E14B Seat Heating Element - Driver Cushion
6. B153D Seat Belt Buckle - Driver

Figure 206  Front of Driver Seat Components
1. B55 Engine Hood Switch
2. Q85 Cooling Fan Clutch
3. K71 Transmission Control Module
4. K20 Engine Control Module

Figure 207  Radiator Support Components
1. B353 Air Suspension Low Pressure Warning Switch
2. E91 Air Dryer Valve Heater
3. B59 Front Impact Sensor
4. P12 Horn

Figure 208  Front of Frame Components
1. B356 Brake Pipe Pressure Switch
2. B21C Brake Pressure Differential Switch
3. B20 Brake Fluid Level Switch
4. B343 Power Brake Booster Fluid Flow Switch
5. KR14 Brake Booster Pump Motor Relay
6. M9 Brake Booster Pump Motor

Figure 209  Brake Booster Components
Figure 210  Bulkhead Components - Engine Compartment

1. M75 Windshield Wiper Motor
2. B195A Nitrogen Oxides Sensor 1
3. X50A Fuse Block - Underhood
4. X50B Fuse Block - Underhood Auxiliary
5. X50D Fuse Block - Battery
6. G24 Windshield Washer Pump
7. B118B Windshield Washer Fluid Level Switch
8. B33 Engine Coolant Level Switch
Powertrain Component Views

1. B75C Multifunction Intake Air Sensor
2. B193B Charge Air Cooler Outlet Temperature Sensor
3. G13 Alternator (Generator)
4. B1A / C Refrigerant Pressure Sensor (Feature Code: 0016XZA)
5. G1 A / C Compressor
6. Q46A / C Compressor Solenoid Valve (Feature Code: 0016XZA)
7. G13E Alternator (Generator) - Auxiliary (Feature Code: 0008GJC)
8. Q17F Fuel Injector 6
9. Q17H Fuel Injector 8
10. E12H Glow Plug 8
11. E12F Glow Plug 6
12. Q17D Fuel Injector 4
13. E12D Glow Plug 4
14. B37B Engine Oil Pressure Sensor
15. B35 Engine Oil Level Switch
16. E12B Glow Plug 2
17. Q17B Fuel Injector 2
18. Q2A / C Compressor Clutch (Feature Code: 0016XZA)
Figure 211  Left Front of Engine Components
1. E12G Glow Plug 7
2. Q17G Fuel Injector 7
3. Q17E Fuel Injector 5
4. E12A Glow Plug 1
5. Q17A Fuel Injector 1
6. E12C Glow Plug 3
7. Q17C Fuel Injector 3
8. E12G Glow Plug 5
9. B130A Exhaust Gas Recirculation Temperature Sensor 1
10. B26 Crankshaft Position Sensor
11. M64 Starter Motor

Figure 212  Right Side of Engine Components
1. K34 Glow Plug Control Module
2. B23 Camshaft Position Sensor
3. Q14 Exhaust Gas Recirculation Valve

Figure 213  Front of Engine Components
1. B34 Engine Coolant Temperature Sensor
2. B47B Fuel Rail Pressure Sensor
3. Q18A Fuel Pressure Regulator 1
4. B130B Exhaust Gas Recirculation Temperature Sensor 2
5. B65 Intake Manifold Pressure and Air Temperature Sensor
6. M114 Exhaust Gas Recirculation Cooler Bypass Valve Actuator
7. B193A Charge Air Cooler Inlet Temperature Sensor
8. B131A Exhaust Temperature Sensor 1
9. B131B Exhaust Temperature Sensor 2
10. M103 Turbocharger Vane Position Actuator
11. Q20 Intake Air Flow Valve

Figure 214  Top of Engine Components
1. B14B Transmission Turbine Speed Sensor
2. B14A Transmission Output Shaft Speed Sensor
3. B115 Vehicle Speed Sensor
4. A16 Transfer Case Motor
   (Feature Code: 0013TLP (0013WDB))

Figure 215  Transmission and Transfer Case Components
1. B80 Park Brake Switch
2. B107 Accelerator Pedal Position Sensor
3. K69 Transfer Case Control Module (Feature Code: 0013TLP (0013WDB))
4. X61A Junction Block - Instrument Panel
5. B22 Brake Pedal Position Sensor

Figure 216 Bulkhead Components - Interior
1. M4 Air Inlet Door Actuator
2. K33 HVAC Control Module
3. M6 Air Temperature Door Actuator
4. E40 Electrical Auxiliary Heater (Feature Code: C32)
5. M37 Mode Door Actuator

Figure 217  Front of HVAC Assembly Components
2. M8 Blower Motor

Figure 218 Back of HVAC Assembly Components
1. S77 Transfer Case Shift Control Switch (Feature Code: 0013TLP (0013WDB))
2. S76 Trailer Brake Control Switch (Feature Code: 0008HBW)
3. P16 Instrument Cluster
4. A22 Radio Controls
5. P17 Info Display Module
6. B10B Ambient Light / Sunload Sensor
7. A26 HVAC Controls
8. F101 Passenger Instrument Panel Air Bag
9. S32P Seat Heating Switch - Passenger (Feature Code: 0016XJR)
10. S40 Passenger Air Bag Disable Switch (Feature Code: 0016XCR)
11. S48A Multifunction Switch - Instrument Panel
12. X81 Accessory Power Receptacle - 110 volt AC (Feature Code: 0008XJX)
14. X84 Data Link Connector
15. S32D Seat Heating Switch - Driver (Feature Code: 0016XJR)
16. S30 Headlight Switch

Figure 219  Front of Instrument Panel Components
1. P19W Speaker - Right Instrument Panel
2. K74 Human Machine Interface Control Module (Feature Code: 0008RNW / 0008RNX)
3. T15 Navigation Antenna Signal Splitter (Feature Code: 0008RNX plus 0008AAE)
4. P19J Speaker - Left Instrument Panel
5. K9 Body Control Module
6. K56 Serial Data Gateway Module
7. R6F Terminating Resistor - High Speed Extension Bus 2 (Feature Code: 0008RNW / 0008RNX / 0008AAE)

Figure 220  Back of Instrument Panel Components
1. A11 Radio
2. K73 Telematics Communication Interface Control Module (Feature Code: 0008AAE)
3. A33 Media Disc Player (Feature Code: 0008RNS)

Figure 221  Inside Center of Instrument Panel Components
1. S78 Turn Signal / Multifunction Switch
2. K89 Immobilizer Control Module
3. S2 Transmission Manual Shift Switch
4. S74 Tow / Haul Mode Switch
5. S3 Transmission Shift Lever
6. M7 Transmission Shift Lock Control Solenoid Actuator
7. K9 Body Control Module
8. S39 Ignition Switch
9. X85 Steering Wheel Air Bag Coil

Figure 222  Steering Column Components
1. S70F Steering Wheel Controls Switch - Radio Volume
2. S70E Steering Wheel Controls Switch - Radio Presets
3. S33 Horn Switch
4. S70R Steering Wheel Controls Switch - Right
5. F107 Steering Wheel Air Bag
6. S70L Steering Wheel Controls Switch - Left

Figure 223  Steering Wheel Components
1. X92USB Receptacle (Feature Code: 0008RNW / 0008RNX)
2. X80JAccessory Power Receptacle - Instrument Panel 1 (Feature Code: 0016XCN)
3. X80KAccessory Power Receptacle - Instrument Panel 2 (Feature Code: 0016XCN)
4. X81Accessory Power Receptacle - 110V AC (Feature Code: 0008XJX)
5. T22Mobile Device Wireless Charger Module (Feature Code: 0016XCN)
6. X80DAccessory Power Receptacle - Center Console Compartment
7. E28Center Console Compartment Lamp (Feature Code: 0016XCN)
8. X83Auxiliary Audio Input
9. S5Center Console Compartment Lamp Switch (Feature Code: 0016XCN)
10. X80LAccessory Power Receptacle - Center Console Rear (Feature Code: 0016XCN)

Figure 224  Floor Console Components (Feature Code: 0016XCN)
Passenger Compartment / Roof Component Views

1. P19AN Speaker - Left Rear Trim Panel (Standard Cab)
2. K36 Inflatable Restraint Sensing and Diagnostic Module
3. F112D Seat Belt Retractor Pretensioner - Driver

Figure 225  Passenger Compartment Components - Left
1. P19AP Speaker - Right Rear Trim Panel (Standard Cab)
2. K77 Remote Control Door Lock Receiver
3. F112P Seat Belt Retractor Pretensioner - Passenger

Figure 226  Passenger Compartment Components - Right
1. E31LSunshade Mirror Lamp - Left (Feature Code: 0016XCS)
2. B24Mobile Telephone Microphone (Feature Code: 0008RNW / 0008RNX / 0008RNM / 0008AAE)
3. E37BDome / Reading Lamps - 2nd Row (Crew Cab-Feature Code: 0016LVT)
4. Sunshade
5. E31RSunshade Mirror Lamp - Right (Feature Code: 0016XCS)
6. A10Inside Rearview Mirror (Feature Code: 0016ACC / 0008AAE)
7. Sunshade

**Figure 227** Headliner Components
1. E31L Sunshade Mirror Lamp - Left (Feature Code: 0016XCS)
2. B24 Mobile Telephone Microphone (Feature Code: 0008RNW / 0008RNX / 0008RNM / 0008AAE)
3. E37B Dome / Reading Lamps - 2nd Row (Crew Cab-Feature Code: 0016LVT)
4. Sunshade
5. E31R Sunshade Mirror Lamp - Right (Feature Code: 0016XCS)
6. A10 Inside Rearview Mirror (Feature Code: 0016ACC / 0008AAE)
7. Sunshade

Figure 228  Headliner Components
1. F105L Roof Rail Air Bag - Left
2. F105R Roof Rail Air Bag - Right

Figure 229  Roof Rail Air Bags
1. M50D Seat Front Vertical Motor - Driver (Feature Code: 0016KVV / 0016KVU)
3. M51D Seat Horizontal Motor - Driver (Feature Code: 0016KVV / 0016KVU)

Figure 230  Bottom of Driver Seat Components
Figure 231  Front of Passenger Seat Components

1. E14D Seat Heating Element
   - Passenger Cushion (Feature Code: 0016XJR)
2. S64P Seat Adjuster Switch
   - Passenger ((Feature Code: 0016KVV / AG2)
1. M56P Seat Recline Motor - Passenger
2. M52P Seat Lumbar Support Horizontal Motor - Passenger

Figure 232  Back of Passenger Seat Components (0016KVV)
1. K29 Seat Heating Control Module (Feature Code: 0016XJR)
2. M51P Seat Horizontal Motor - Passenger (Feature Code: 0016KVV / AG2)

Figure 233  Bottom of Passenger Seat Components
Door Component Views

1. A23D Door Latch Assembly - Driver
2. M74D Window Motor - Driver
3. P19AG Speaker - Left Front Door
4. B63LF Side Impact Sensor - Left Front
5. S79D Window Switch - Driver
6. E63D Flood Lamp - Driver Door Handle
7. S13D Door Lock Switch - Driver
8. S52 Outside Rearview Mirror Switch

Figure 234  Driver Door Components
1. S13P Door Lock Switch - Passenger
2. S79P Window Switch - Passenger
3. E63P Flood Lamp - Passenger Door Handle
4. P19AH Speaker - Right Front Door
5. M74P Window Motor - Passenger
6. A23P Door Latch Assembly - Passenger
7. B63RF Side Impact Sensor - Right Front

Figure 235  Passenger Door Components
1. S79LR Window Switch - Left Rear
2. P19AL Speaker - Left Rear Door
3. B63LR Side Impact Sensor - Left Rear
4. M74LR Window Motor - Left Rear
5. A23LR Door Latch Assembly - Left Rear

Figure 236  Left Rear Door Components (Crew Cab)
1. S79RR Window Switch - Right Rear
2. A23RR Door Latch Assembly - Right Rear
3. B63RR Side Impact Sensor - Right Rear
4. M74RR Window Motor - Right Rear
5. P19AM Speaker - Right Rear Door

Figure 237  Right Rear Door Components (Crew Cab)
Luggage Compartment / Rear of Vehicle Component Views

1. E4Y Turn Signal Repeater Lamp - Left (Feature Code: 0016SPS)
2. E17D Outside Rearview Mirror Glass - Driver (Feature Code: 0016SPS)
3. E18 Rear Defogger Grid (Feature Code: 0008AAB)
4. E6 Center High Mounted Stop Lamp
5. E17P Outside Rearview Mirror Glass - Passenger (Feature Code: 0016SPS)
6. E4Z Turn Signal Repeater Lamp - Right (Feature Code: 0016SPS)
7. E70P Outside Rearview Mirror Cargo Lamp - Passenger (Feature Code: 0016SPS)
8. C1BB Battery - Auxiliary 2
9. C1BA Battery - Auxiliary 1
10. C1 Battery
11. E70D Outside Rearview Mirror Cargo Lamp - Driver

Figure 238 Rear of Vehicle Components
Wheels / Vehicle Underbody Component Views

1. K44 Power Take-Off Control Module (Feature Code: 0012WGG)
2. K115 Reductant Control Module
3. B295 Reductant Quality Sensor
4. E52 Reductant Line Heater
5. A38 Reductant Pump and Sensor Assembly
6. Q61 Reductant Injector

Figure 239  Below Right Rear of Cab Components
1. X55BC Fuse Holder 3 - Brake Booster
2. C1 Battery
3. C1BA Battery - Auxiliary 1
4. W34 Battery Positive Cable Terminal Post - Jump Start

Figure 240 Battery Box Components (0008MVZ or 0008MWA)
1. B5RF Wheel Speed Sensor - Right Front
2. B5RR Wheel Speed Sensor - Right Rear
3. B5LR Wheel Speed Sensor - Left Rear
4. B5LF Wheel Speed Sensor - Left Front

Figure 241  Wheel Speed Sensors - 2WD
1. B5RF Wheel Speed Sensor - Right Front
2. B5RR Wheel Speed Sensor - Right Rear
3. B5LR Wheel Speed Sensor - Left Rear
4. B5LF Wheel Speed Sensor - Left Front

Figure 242  Wheel Speed Sensors - 4WD
1. Q101 Rear Air Suspension Control Valve
2. K133 Trailer Brake Power Control Module
3. E11A Fuel Heater / Water in Fuel Sensor
4. K38A Chassis Control Module - Auxiliary
5. K111 Fuel Pump Driver Control Module
6. K17 Electronic Brake Control Module

Figure 243  Left Side of Frame Components
1. B131C Exhaust Temperature Sensor 3
2. B154 Diesel Particulate Filter Exhaust Differential Pressure Sensor
3. B131D Exhaust Temperature Sensor 4
4. B131E Exhaust Temperature Sensor 5
5. B136 Exhaust Particulate Matter Sensor
6. Q101 Rear Air Suspension Control Valve

Figure 244  Right Side of Frame Components
1. A6D Fuel Pump and Level Sensor Assembly - Secondary
2. A6C Fuel Pump and Level Sensor Assembly - Primary
3. P3 Backup Alarm
4. X88 Trailer Connector

Figure 245  Rear of Frame Components
Ground Views

1. G401 Chassis Rear Left Harness
2. G399 Chassis Harness, Frame Ground Harness
3. G101 Forward Lamp Harness

Figure 246  G101, G399, and G401
1. G102 Radiator Ground

Figure 247  G102
1. G108 Engine Ground Harness  
2. G398 Frame Ground Harness  
3. G402 Chassis Rear Right Harness

Figure 248  G108, G398 and G402
1. G112 Engine Harness
2. G110 Engine Chassis Harness

Figure 249  G110 and G112
1. G120 Engine Chassis Harness

Figure 250  G120
1. G180 Brake Booster Harness
2. G198 Body Ground Harness
3. G199 Body Ground Harness

Figure 251  G180, G198 and G199
1. G218 Instrument Panel Harness
2. G210 Instrument Panel Harness

Figure 252  G210 and G218
1. G311 Body Harness  
2. G325 Body Harness

Figure 253  G311 and G325
1. G327 Body Harness  
2. G312 Body Harness

Figure 254  G312 and G327
1. G380 Rear Defogger Grid (C49)  
2. G340 Battery Negative Cable (7Y7 / 7Y8)

Figure 255  G340 and G380
1. G402 Chassis Rear Right Harness

Figure 256  G402
1. G440 Battery Negative Cable  
   (0008MSD)

Figure 257  G440 (Left Frame Rail)
1. G440 Battery Negative Cable
   (0008MSD)

Figure 258  G440 (Right Frame Rail)
Electrical Center Identification Views

![Diagram of electrical center identification views with fuse and relay numbers and descriptions.](image_url)
Table 11 Usage Table

<table>
<thead>
<tr>
<th>No.</th>
<th>Device Label Name</th>
<th>Device Assigned Name</th>
<th>Rating</th>
<th>Description</th>
</tr>
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</table>
| 1   | HI BEAM LT        | F1UA                 | 10 amps| • E4E Headlight - Left High Beam  
|     |                   |                      |        | • X107 Left Snow Plow Tee Harness to Left Snow Plow Headlight Harness (0008TUM) |
| 2   | HI BEAM RT        | F2UA                 | 10 amps| • E4F Headlight - Right High Beam  
<p>|     |                   |                      |        | • X117 Right Snow Plow Tee Harness to Right Snow Plow Headlight Harness (0008TUM) |</p>
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<tr>
<th>No.</th>
<th>Device Label Name</th>
<th>Device Assigned Name</th>
<th>Rating</th>
<th>Description</th>
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<tbody>
<tr>
<td>3</td>
<td>WASHPUMP</td>
<td>F3UA</td>
<td>15 amps</td>
<td>G24 Windshield Washer Pump</td>
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<tr>
<td>7</td>
<td>UPPFITERS 3 and 4</td>
<td>F7UA</td>
<td>5 amps</td>
<td>F6DR</td>
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<td>8</td>
<td>FOG LAMP</td>
<td>F8UA</td>
<td>15 amps</td>
<td>E29LF Fog Lamp - Left Front (Feature Code: 0008XJG) &lt;br&gt; E29RF Fog Lamp - Right Front (Feature Code: 0008XJG)</td>
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<td>9</td>
<td>RVC</td>
<td>F9UA</td>
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<td>K9</td>
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<td>10</td>
<td>UPPFITERS 1 and 2</td>
<td>F10UA</td>
<td>5 amps</td>
<td>F5DL</td>
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<td>12</td>
<td>4WD TREC</td>
<td>F12UA</td>
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<td>K69 Transfer Case Control Module (Feature Code: 0013TLP (0013WDB))</td>
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<td>13</td>
<td>LR_STP_TRN_LAMP</td>
<td>F13UA</td>
<td>15 amps</td>
<td>E5S Tail / Stop and Turn Signal Lamp - Left (without 0008TKD) &lt;br&gt; X405 Chassis Harness to Body Builder Connection Harness (0008HXV) &lt;br&gt; X495 Body Builder Connection Harness to Chassis Rear Right Harness (0008HXU)</td>
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<tr>
<td>14</td>
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<td>F14UA</td>
<td>15 amps</td>
<td>E5T Tail / Stop and Turn Signal Lamp - Right (0008TKD) &lt;br&gt; X405 (Feature Code: 0008HXV) &lt;br&gt; X495 (Feature Code: 0008HXU)</td>
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<tr>
<td>17</td>
<td>IECL 1</td>
<td>F17UA</td>
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<td>X51L Fuse Block - Instrument Panel Left</td>
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<td>22</td>
<td>IECL 2</td>
<td>F22UA</td>
<td>60 amps</td>
<td>X51L Fuse Block - Instrument Panel Left</td>
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<td>26</td>
<td>RR AMBER</td>
<td>F26UA</td>
<td>15 amps</td>
<td>X405 Chassis Harness to Body Builder Connection Harness (Feature Code: 0008HXV) &lt;br&gt; X495 Body Builder Connection Harness to Chassis Rear Right Harness (Feature Code: 0008HXU)</td>
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<td>27</td>
<td>HORN</td>
<td>F27UA</td>
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<td>P12 Horn</td>
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<td>32</td>
<td>REAR DEFOG</td>
<td>F32UA</td>
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<td>E18 Rear Defogger Grid (Feature Code: 0008AAB)</td>
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<td>33</td>
<td>HTD MIR</td>
<td>F33UA</td>
<td>15 amps</td>
<td>E17D Outside Rearview Mirror Glass - Driver (Feature Code: 0016SPS) &lt;br&gt; E17P Outside Rearview Mirror Glass - Passenger (Feature Code: 0016SPS)</td>
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<td>No.</td>
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<td>Device Assigned Name</td>
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</table>
| 34  | PRK LAMP LT       | F34UA                | 15 amps| • E2LM Side Marker Lamp - Left Middle (Feature Code: 0016SPS)  
• E3A Roof Clearance Lamp - Left Front Outer  
• E3C Roof Clearance Lamp - Front Middle  
• E3E Roof Clearance Lamp - Right Front Outer  
• E4S Park / Turn Signal Lamp - Left Upper  
• E4Q Park / Turn Signal Lamp - Left Lower  
• E5S Tail / Stop and Turn Signal Lamp - Left (without feature code 0008TKD)  
• X107 Left Snow Plow Tee Harness to Left Snow Plow Headlight Harness (0008TUM)  
• X405 (Feature Code: 0008HXV)  
• X495 (Feature Code: 0008HXU) |
| 37  | MSTRAIDS LAIR     | F37UA                | 5 amps | • W33 Blunt Cut - Master Diconnect Switch Indicator Provision |
| 39  | AIR DRYER         | F39UA                | 20 amps| • E91 Air Dryer Valve Heater (Feature Code: 0004SBX) |
| 40  | MISC IGN          | F40UA                | 10 amps| • S48A Multifunction Switch - Instrument Panel (Feature Code: 0014TCH / 0014TDG / 0014TDH)  
• X191 (Feature Code: 0012WGG) |
| 41  | TRLR PRK LAMP     | F41UA                | 20 amps| • X88 Trailer Connector (Feature Code: 0008TRA) |
| 42  | PRK LAMP RT       | F42UA                | 15 amps| • E2RM Side Marker Lamp - Right Middle (Feature Code: 0016SPS)  
• E4R Park / Turn Signal Lamp - Right Lower  
• E4T Park / Turn Signal Lamp - Right Upper  
• E5T Tail / Stop and Turn Signal Lamp - Right (without feature code 0008TKD)  
• X117 Right Snow Plow Tee Harness to Right Snow Plow Headlight Harness (0008TUM)  
• X405 Chassis Harness to Body Builder Connection Harness (0008HXV) |
<p>| 44  | FUEL PUMP         | F44UA                | 20 amps| • KR23B Fuel Pump Relay - Secondary (Feature Code: 0015DSZ) |</p>
<table>
<thead>
<tr>
<th>No.</th>
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<th>Device Assigned Name</th>
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<tr>
<td>45</td>
<td>LOW AIR PRESS</td>
<td>F45UA</td>
<td>15 amps</td>
<td>• Not Used</td>
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<td>46</td>
<td>ECM IGN</td>
<td>F46UA</td>
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<td>• K20 Engine Control Module</td>
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<td>• K38A Chassis Control Module - Auxiliary (Feature Code: 0008HBW)</td>
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<td>• K111 Fuel Pump Control Module</td>
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<td>TRANS IGN</td>
<td>F47UA</td>
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<td>• K34 Glow Plug Control Module</td>
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<td>• K71 Transmission Control Module</td>
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<td>TCM_BATT</td>
<td>F49UA</td>
<td>15 amps</td>
<td>• K71 Transmission Control Module</td>
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<td>50</td>
<td>A / C CLTCH</td>
<td>F50UA</td>
<td>10 amps</td>
<td>• KR29 A / C Compressor Clutch Relay</td>
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<td>FRT WPR</td>
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<td>• KR12B Windshield Wiper Relay</td>
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<td>• KR12C Windshield Wiper Speed Control Relay</td>
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<td>• X495 (Feature Code: 0008HXU)</td>
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<td>54</td>
<td>TRLR REV LAMP</td>
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<td>• A10 Inside Rearview Mirror (0016ACB)</td>
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<td>• E5A Backup Lamp - Left (Without feature code: 0008TKD)</td>
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<td>• E5B Backup Lamp - Right (Without feature code: 0008TKD)</td>
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<td>• P3 Backup Alarm (Feature Code: 0008THB)</td>
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<td>• X405 (Feature Code: 0008HXV)</td>
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<td>• X495 (Feature Code: 0008HXU)</td>
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<td>55</td>
<td>TRLR BCK / UP LAMP</td>
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<td>AIR DUMP</td>
<td>F56UA</td>
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<td>LR AMBER</td>
<td>F57UA</td>
<td>15 amps</td>
<td>• X405 (Feature Code: 0008HXV)</td>
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<td>• X495 (Feature Code: 0008HXU)</td>
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<td>TRLR_BRK</td>
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<td>• X61A Junction Block - Instrument Panel</td>
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<td>62</td>
<td>ICCM</td>
<td>F62UA</td>
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<td>• K38A Chassis Control Module - Auxiliary (Feature Code: 0008HBW)</td>
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<td>No.</td>
<td>Device Label Name</td>
<td>Device Assigned Name</td>
<td>Rating</td>
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</table>
| 63  | ACCY PWR          | F63UA                | 20 amps| • X405 Chassis Harness to Body Builder Connection Harness (0008HXV)  
                  |                   |         |         | • X495 Body Builder Connection Harness to Chassis Rear Right Harness (0008HXU) |
| 66  | AUX UEC           | F66UA                | 60 amps| • X50B Fuse Block - Underhood Auxiliary |
| 68  | ABS PUMP          | F68UA                | 60 amps| • K17 Electronic Brake Control Module |
| 69  | SPARE             | F69UA                | 30 amps| • Not Used |
| 73  | LFT_TRLR_STOP_TURN | F73UA              | 15 amps| • X88 Trailer Connector (Feature Code: 0008TRA) |
| 75  | SPARE             | F75UA                | 30 amps| • Not Used |
| 78  | ECM_BATT          | F78UA                | 15 amps| • K20 Engine Control Module |
| 79  | CAB_HTR_AUX_BATT  | F79UA                | 10 amps| • K115 Reductant Control Module |
| 81  | RGT_TRLR_STOP_TURN | F81UA            | 15 amps| • X88 Trailer Connector (Feature Code: 0008TRA) |
| 82  | FTZM              | F82UA                | 30 amps| • K111 Fuel Pump Control Module |
| 83  | ABS VALVE         | F83UA                | 25 amps| • K17 Electronic Brake Control Module |
| 84  | TRLR_BATT         | F84UA                | 30A    | • X88 Trailer Connector (Feature Code: 0008TRA) |
| 85  | ENG               | F85UA                | 15 amps| • B75C Multifunction Intake Air Sensor |
| 86  | ECM               | F86UA                | 30 amps| • K20 Engine Control Module |
| 91  | ECM THROT CONT    | F91UA                | 15 amps| • K20 Engine Control Module |
| 92  | COOL FAN CLUTCH   | F92UA                | 10 amps| • KR20F Cooling Fan Relay |

### Relays

<table>
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<tr>
<th>No.</th>
<th>Device Label Name</th>
<th>Device Assigned Name</th>
<th>Rating</th>
<th>Description</th>
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<td>WASH PUMP</td>
<td>—</td>
<td>—</td>
<td>• F3UA</td>
</tr>
<tr>
<td>23</td>
<td>DEFOG REAR</td>
<td>—</td>
<td>—</td>
<td>• F32UA</td>
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<td>• F33UA</td>
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<td>PRK LAMP</td>
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| 36  | RUN / CRNK        | KR73 Ignition Main Relay | —      | • F7UA       
|     |                   |                      |        | • F10UA      
|     |                   |                      |        | • F37UA      
|     |                   |                      |        | • F39UA      
|     |                   |                      |        | • F40UA      
|     |                   |                      |        | • F44UA      
|     |                   |                      |        | • F46UA      
|     |                   |                      |        | • F47UA      
|     |                   |                      |        | • KR99 Air Suspension Relay |
| 43  | LOW AIR PRESS     | KR99 Air Suspension Relay | —      | • F45UA      |
| 59  | A / C CONTROL     | KR29 A / C Compressor Clutch Relay | —      | • Q2 A / C Compressor Clutch (Feature Code: 0016XZA) |
| 70  | SPARE             | —                    | —      | • Not Used   |
| 77  | ECM               | KR75 Engine Controls Ignition Relay | —      | • F85UA      
|     |                   |                      |        | • F86UA      
|     |                   |                      |        | • F91UA      
|     |                   |                      |        | • F92UA      
|     |                   |                      |        | • KR29 A / C Compressor Clutch Relay |

**Note:** Relays listed below are non-serviceable Printed Circuit Board (PCB) relays and are internal to the block.
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<td>KR3 Horn Relay</td>
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<td>KR40 Backup Lamp Relay</td>
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Connector Part Information

- Harness Type: Body
- Service Connector: 6041827C1
- Description: 44-pin F 1.5, 2.8, 6.3 CTS, 9.5 MCON-LL Series (BU)

Table 13 Terminal Part Information

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### Table 14  X50A Fuse Block - Underhood X1

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<th>Function</th>
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### Table 14  X50A Fuse Block - Underhood X1 (cont.)

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Connector Part Information

- Harness Type: Body
- Service Connector: Service by Component Assembly
- Description: 44-pin F 1.5, 2.8, 6.3 CTS, 9.5 MCON-LL Series (GN)

Table 16  Terminal Part Information

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Connector Part Information
- Harness Type: Engine Chassis
- Service Connector: Service by Component Assembly
- Description: 44-pin F 1.5, 2.8, 6.3 CTS, 9.5 MCON-LL Series (GY)

Table 19  Terminal Part Information

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<th>Terminal Type ID</th>
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<td>II</td>
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<td>J-35616-35 (VT)</td>
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<td>J-35616-22 (RD)</td>
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### Table 20   X50A Fuse Block - Underhood X3

<table>
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<tr>
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<th>Option</th>
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<td>170</td>
<td>Power Window Master Switch Right</td>
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<td>Fuel Pump Primary Relay Control</td>
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### Table 20 X50A Fuse Block - Underhood X3 (cont.)

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<th>Option</th>
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<td>VT / D-BU</td>
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X50A Fuse Block - Underhood X4

Connector Part Information
- Harness Type: Chassis
- Service Connector: 4110744C1
- Description: Description: 44-Way F 1.5, 2.8, 6.3 CTS, 9.5 MCON-LL Series (BK)

Table 22  Terminal Part Information

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Table 23  X50A Fuse Block - Underhood X4

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<th>Function</th>
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<th>Option</th>
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<td>1054</td>
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<td>A2</td>
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<td>VT/GY</td>
<td>709</td>
<td>Left Park Lamp Control</td>
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<td>A3</td>
<td>5</td>
<td>GY/BN</td>
<td>2109</td>
<td>Trailer Park Lamp Control</td>
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<td>WH/GN</td>
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<td>YE/BU</td>
<td>318</td>
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<tr>
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<td>RD/GN</td>
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<td>Battery Positive Voltage</td>
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### Table 23  X50A Fuse Block - Underhood X4 (cont.)

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<td>RD / VT</td>
<td>1242</td>
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<td>RD / VT</td>
<td>1940</td>
<td>Battery Positive Voltage</td>
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</tr>
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<td>RD / YE</td>
<td>1242</td>
<td>Battery Positive Voltage</td>
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Connector Part Information

- Harness Type: Fuse Block - Underhood Power
- Service Connector: Service by Cable Assembly — See Part Catalog
- Description: Ring Terminal

Table 25  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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Table 26  X50A Fuse Block - Underhood X5

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<th>Option</th>
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Table 27  Usage Table

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<tr>
<td>7</td>
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<td>F7UB</td>
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<tr>
<td>8</td>
<td>DEF HTR</td>
<td>F8UB</td>
<td>25 amp</td>
<td>• KR121A Reductant Control Module Relay 1</td>
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<tr>
<td>9</td>
<td>STARTER</td>
<td>F9UB</td>
<td>40 amp</td>
<td>• KR27 Starter Relay</td>
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<tr>
<td>10</td>
<td>FUEL HTR</td>
<td>F10UB</td>
<td>40 amp</td>
<td>• KR22 Fuel Heater Relay</td>
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<td>11</td>
<td>SMART SENSORS</td>
<td>F11UB</td>
<td>10 amp</td>
<td>• B136 Exhaust Particulate Sensor</td>
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<td>• B195A Nitrogen Oxides Sensor 1</td>
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<td>• B195B Nitrogen Oxides Sensor 2</td>
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<td></td>
<td>• K111 Fuel Pump Driver Control Module</td>
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<td></td>
<td>• M103 Turbocharger Vane Position Actuator</td>
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<tr>
<td>12</td>
<td>SCRPM</td>
<td>F12UB</td>
<td>10 amp</td>
<td>• K115 Reductant Control Module</td>
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<td>SPARE</td>
<td>F13UB</td>
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<td>• Not Used</td>
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Relays
### Table 27  Usage Table (cont.)

<table>
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<th>Rating</th>
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<td>KR27 Starter Relay</td>
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<td>• M64 Starter Motor</td>
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<td>FUEL HTR</td>
<td>KR22 Fuel Heater Relay</td>
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<td>• E11A Fuel Heater / Water in Fuel Sensor</td>
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<td>SCR CTRL</td>
<td>KR12A Reductant Control Module Relay 1</td>
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<td>• K15 Reductant Control Module</td>
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<td>FAN DRIVER</td>
<td>KR20F Cooling Fan Relay</td>
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<td>• Q85 Cooling Fan Clutch</td>
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<td>6</td>
<td>PWRTRN SNSR</td>
<td>KR121B Reductant Control Module Relay 2</td>
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<td>• F11UB • F12UB</td>
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#### Connector Part Information
- Harness Type: Engine Chassis
- Service Connector: Service by Component Assembly
- Description: Wire Entry Fuse Block

### Table 29  Terminal Part Information

<table>
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<th>Terminal Type ID</th>
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<td>6041882C1</td>
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### Table 30  X50B Fuse Block – Underhood Auxiliary Bottom View

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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
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<td>GY / YE</td>
<td>5297</td>
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</tr>
<tr>
<td>2</td>
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<td>BK</td>
<td>550</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
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<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
<td>Option</td>
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<tr>
<td>5</td>
<td>2.5</td>
<td>D-BU / BN</td>
<td>3922</td>
<td>DEF Heater Supply 2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
<td>0.5</td>
<td>D-BU / L-GN</td>
<td>7071</td>
<td>Heater Fuel Control</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>7</td>
<td>0.5</td>
<td>VT / L-GN</td>
<td>355</td>
<td>Fuel Filter Heater Voltage</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>8</td>
<td>1</td>
<td>BK</td>
<td>550</td>
<td>Ground</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>9</td>
<td>0.5</td>
<td>YE / BK</td>
<td>625</td>
<td>Starter Enable Relay Control</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>10</td>
<td>1</td>
<td>BK</td>
<td>550</td>
<td>Ground</td>
<td>IV</td>
<td>—</td>
</tr>
<tr>
<td>11</td>
<td>0.5</td>
<td>WH</td>
<td>2368</td>
<td>Cooling Fan Control Signal</td>
<td>IV</td>
<td>—</td>
</tr>
<tr>
<td>12</td>
<td>0.5</td>
<td>WH / BK</td>
<td>2366</td>
<td>Cooling Fan Control Relay Speed Signal</td>
<td>IV</td>
<td>—</td>
</tr>
<tr>
<td>13–14</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>15</td>
<td>2.5</td>
<td>VT / L-GN</td>
<td>355</td>
<td>Fuel Filter Heater Voltage</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>16</td>
<td>3</td>
<td>YE / VT</td>
<td>6</td>
<td>Starter Solenoid Crank Ignition Voltage</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>17</td>
<td>17.1</td>
<td>VT / GY</td>
<td>539</td>
<td>Run / Crank Ignition 1 Voltage</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>18</td>
<td>0.5</td>
<td>YE / D-BU</td>
<td>1465</td>
<td>Secondary Fuel Pump Relay Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>19</td>
<td>0.5</td>
<td>D-BU</td>
<td>3921</td>
<td>DEF Heater Supply 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>20</td>
<td>0.5</td>
<td>D-BU</td>
<td>3921</td>
<td>DEF Heater Supply 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>21</td>
<td>2.5</td>
<td>VT / L-GN</td>
<td>355</td>
<td>Fuel Filter Heater Voltage</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>22</td>
<td>2.5</td>
<td>RD / D-BU</td>
<td>1240</td>
<td>Battery Positive Voltage</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>23</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>24</td>
<td>0.5</td>
<td>VT / D-BU</td>
<td>974</td>
<td>Reductant Control Module Relay 2 Supplied Power</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>25</td>
<td>2.5</td>
<td>VT / D-BU</td>
<td>974</td>
<td>Reductant Control Module Relay 2 Supplied Power</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>26</td>
<td>10</td>
<td>RD / WH</td>
<td>342</td>
<td>Battery Positive Voltage</td>
<td>IV</td>
<td>—</td>
</tr>
<tr>
<td>27–28</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
<td>Option</td>
</tr>
<tr>
<td>-----</td>
<td>------</td>
<td>----------------</td>
<td>---------</td>
<td>-------------------------------</td>
<td>------------------</td>
<td>--------</td>
</tr>
<tr>
<td>29</td>
<td>0.5</td>
<td>VT / L-GN</td>
<td>4320</td>
<td>Powertrain Sensor Bus Enable</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>30</td>
<td>2.5</td>
<td>VT / D-BU</td>
<td>3674</td>
<td>NOx Sensor 1 Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>31</td>
<td>2.5</td>
<td>VT / L-GN</td>
<td>355</td>
<td>Fuel Filter Heater Voltage</td>
<td>III</td>
<td>—</td>
</tr>
<tr>
<td>32</td>
<td>2.5</td>
<td>RD / D-BU</td>
<td>1240</td>
<td>Battery Positive Voltage</td>
<td>III</td>
<td>—</td>
</tr>
<tr>
<td>33</td>
<td>2.5</td>
<td>D-BU</td>
<td>3921</td>
<td>DEF Heater Supply 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>34</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>35</td>
<td>0.5</td>
<td>VT / D-BU</td>
<td>974</td>
<td>—</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2.5</td>
<td>VT / D-BU</td>
<td>974</td>
<td>—</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>36</td>
<td>0.5</td>
<td>L-GN / D-BU</td>
<td>3889</td>
<td>DEF Power Module Relay Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
# Table 31 Usage Table

<table>
<thead>
<tr>
<th>No.</th>
<th>Device Label Name</th>
<th>Device Assigned Name</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>—</td>
<td>F1BA</td>
<td>250 amp</td>
<td>• G13 Alternator (Generator)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• X50A Fuse Block Underhood</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>• C1 Battery</td>
</tr>
<tr>
<td>3</td>
<td>—</td>
<td>F3BA</td>
<td>125 amp</td>
<td>• K34 Glow Plug Control Module</td>
</tr>
<tr>
<td>4</td>
<td>—</td>
<td>F4BA</td>
<td>100 amp</td>
<td>• E40 Electrical Auxiliary Heater (Feature Code: C32)</td>
</tr>
<tr>
<td>5</td>
<td>—</td>
<td>F5BA</td>
<td>60 amp</td>
<td>• X51R Fuse Block – Instrument Panel Right</td>
</tr>
<tr>
<td>6</td>
<td>—</td>
<td>F6BA</td>
<td>60 amp</td>
<td>• X51R Fuse Block – Instrument Panel Right</td>
</tr>
</tbody>
</table>
Connector Part Information

• Harness Type: Generator
• Service Connector: Service by Cable Assembly
• Description: 1-Way Ring Terminal

Table 33 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
</tr>
</tbody>
</table>

Table 34 X50D Fuse Block - Battery X1 (Feature Code: C32)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>—</td>
<td>RD</td>
<td>2</td>
<td>Battery Positive Voltage</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: Service by Cable Assembly
- Description: 1-Way Ring Terminal

Table 36  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Terminated Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>Not Required</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: Service by Cable Assembly
- Description: 1-Way Ring Terminal

Table 38  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
</tr>
<tr>
<td>-----</td>
<td>------</td>
<td>-------</td>
</tr>
<tr>
<td>A</td>
<td>—</td>
<td>RD</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: Service by Cable Assembly
- Description: 1-Way Ring Terminal

Table 41  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>Not Required</td>
</tr>
</tbody>
</table>

Table 42  X50D Fuse Block - Battery X4 (Feature Code: C32)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>10</td>
<td>RD / GY</td>
<td>642</td>
<td>Battery Positive Voltage</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: Service by Cable Assembly
- Description: 1-pin Ring Terminal

Table 44  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
</tr>
</tbody>
</table>

Table 45  X50D Fuse Block - Battery X5

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>6</td>
<td>RD/GY</td>
<td>142</td>
<td>Battery Positive Voltage</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: Service by Cable Assembly
- Description: 1-pin Ring Terminal

Table 47  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
</tr>
</tbody>
</table>

Table 48  X50D Fuse Block - Battery X6

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6</td>
<td>RD / L-GN</td>
<td>242</td>
<td>Battery Positive Voltage</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Table 49 Usage Table

<table>
<thead>
<tr>
<th>No.</th>
<th>Device Label Name</th>
<th>Device Assigned Name</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
</table>
| 1   | APO 2             | F1DL                 | 15 amps| • X80G Accessory Power Receptacle – Instrument Panel (Without Feature Code: 0016XCN)  
<pre><code> |                   |                      |        | • X80K Accessory Power Receptacle – Instrument Panel 2 (Feature Code: 0016XCN) |
</code></pre>
<table>
<thead>
<tr>
<th>No.</th>
<th>Device Label Name</th>
<th>Device Assigned Name</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
</table>
| 2   | SEO RAP          | F2DL                 | 10 amps| • X61A Junction Block-Instrument Pane  
       |                  |                      |        | • T22 Modile Device Wireless Charger Module (0016XCN)  |
| 3   | UGDO / ISRVM     | F3DL                 | 10 amps| • S63 Roof Beacon Switch (Feature Code: 0008XKS)  |
| 4   | EMPTY            | F4DL                 | —      | • Not Used  |
| 5   | UPFTR SW 1 and 2 (RC) | F5DL             | 5 amps | • KR161A Configurable Provision Relay 1 (Feature Code: 0008XJP)  
       |     |                      |        | • KR161B Configurable Provision Relay 2 (Feature Code: 0008XJP)  |
| 6   | BCM 3            | F6DL                 | 20 amps| • K9 Body Control Module  
       |     |                      |        | • E4H Headlamp - Right Low Beam  
       |     |                      |        | • E4S Park / Turn Signal Lamp - Left Upper  
       |     |                      |        | • E4Q Park / Turn Signal Lamp - Left Lower  
       |     |                      |        | • E4Y Turn Signal Repeater Lamp - Left (0016SPS)  
       |     |                      |        | • KR68L Turn Signal Lamps Relay - Left (0008HXV / 0008HXU)  
       |     |                      |        | • X117 Right Snow Plow Tee Harness to Right Snow Plow Light Harness (0008TUM)  |
| 7   | BCM 5            | F7DL                 | 10 amps| • K9 Body Control Module  
       |     |                      |        | • KR40 Backup Lamp Relay  
       |     |                      |        | • KR113 Child Security Lock Disable Relay  
       |     |                      |        | • KR114 Door Dead Lock Relay  
       |     |                      |        | • S48A Multifunction Switch - Instrument Panel  
       |     |                      |        | • S77 Transfer Case Shift Control Switch (0013WDB)  
       |     |                      |        | • S79D Window Switch - Driver (Crew Cab)  |
| 8   | MIR WNDW MDL     | F8DL                 | 10 amps| • S52 Outside Rearview Mirror Switch (Feature Code: 0016SPS)  
       |     |                      |        | • S79D Window Switch – Driver (Feature Code: 0016WAK)  |
| 9   | SPARE            | F9DL                 | 15 amps| • Not Used  |
| 10  | APO / RAP        | F10DL                | 50 amps| • F1DL  
<pre><code>   |     |                      |        | • F12DL  |
</code></pre>
<table>
<thead>
<tr>
<th>No.</th>
<th>Device Label Name</th>
<th>Device Assigned Name</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>APO / BATT</td>
<td>F11DL</td>
<td>50 amps</td>
<td>• F1DL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• F12DL</td>
</tr>
<tr>
<td>12</td>
<td>APO 1 / LTR</td>
<td>F12DL</td>
<td>15 amps</td>
<td>• X80J Accessory Power Receptacle – Instrument Panel 1 (Feature Code: 0016XCN)</td>
</tr>
<tr>
<td>13</td>
<td>DLIS</td>
<td>F13DL</td>
<td>2 amps</td>
<td>• S39 Ignition Switch</td>
</tr>
<tr>
<td>14</td>
<td>SWC BKLT</td>
<td>F14DL</td>
<td>2 amps</td>
<td>• S70L Steering Wheel Controls Switch – Left</td>
</tr>
<tr>
<td>15</td>
<td>EMPTY</td>
<td>F15DL</td>
<td>—</td>
<td>• Not Used</td>
</tr>
<tr>
<td>16</td>
<td>EMPTY</td>
<td>F16DL</td>
<td>—</td>
<td>• Not Used</td>
</tr>
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</table>
### Table 49 Usage Table (cont.)

<table>
<thead>
<tr>
<th>No.</th>
<th>Device Label Name</th>
<th>Device Assigned Name</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
</table>
| 17  | BCM 1             | F17DL                | 10 amps| - K9 Body Control Module  
- E1L Accent Lamp - Overhead Console  
- E63D Flood Lamp - Driver Door Handle (0016WAK)  
- E63P Flood Lamp - Passenger Door Handle (0016WAK)  
- K17 Electronic Brake Control Module  
- K20 Engine Control Module  
- K34 Glow Plug Control Module  
- K36 Inflatable Restraint Sensing and Diagnostic Module  
- K38A Chassis Control Module - Auxiliary (0008HBW)  
- K44 Power Take-Off Control Module (PTO)  
- K56 Serial Data Gateway Module  
- K69 Transfer Case Control Module (0013WDB)  
- K71 Transmission Control Module  
- K73 Telematics Communication Interface Control Module (0008AAE)  
- K74 Human Machine Interface Control Module (0008RNR / 0008RNP)  
- K77 Remote Control Door Lock Receiver  
- K89 Immobilizer Control Module  
- KR11 Windshield Washer Pump Relay  
- KR12B Windshield Wiper Relay  
- KR59 Stop Lamp Relay  
- KR73 Ignition Main Relay (X50A Fuse Block Underhood)  
- KR73 Ignition Main Relay (X51L Fuse Block Instrument Panel - Left)  
- KR112 Cargo Lamp Relay  
- S48A Multifunction Switch - Instrument Panel  
- S70L Steering Wheel Controls Switch - Left  
- R50 Brake Booster Diode |
<table>
<thead>
<tr>
<th>No.</th>
<th>Device Label Name</th>
<th>Device Assigned Name</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
</table>
| 18  | UPFTR SW 1 and 2 (B+) | F18DL | 5 amps | • KR161A Configurable Provision Relay 1 (Feature Code: 0008XJP)  
• KR161B Configurable Provision Relay 2 (Feature Code: 0008XJP) |
| 19  | UPFTR 2 | F19DL | 30 amps | • X61A Junction Block – Instrument Panel (Feature Code: 0008XJP) |
| 20  | EMPTY | F20DL | — | • Not Used |
| 21  | EMPTY | F21DL | — | • Not Used |
| 22  | HVAC / AUX HVAC IGN | F22DL | 15 amps / 15 amps | • K33 HVAC Control Module  
• E40 Electrical Auxiliary Heater (Feature Code: C32) |
| 23  | IPC IGN / SDM IGN | F23DL | 10 amps / 10 amps | • P14 Passenger Air Bag Disable Indicator (Feature Code: 0016XCR)  
• P16 Instrument Cluster |
| 24  | SPARE | F24DL | 15 amps / 15 amps | • Not Used |
| 25  | DLC / DSM | F25DL | 10 amps / 10 amps | • X84 Data Link Connector |
| 26  | PEPS / HVAC | F26DL | 10 amps / 10 amps | • K33 HVAC Control Module  
• K56 Serial Data Gateway Module |
| 27  | SPARE | F27DL | 10 amps | • Not Used |
| 28  | SPARE | F28DL | 10 amps | • Not Used |
| 29  | SPARE | F29DL | 15 amps | • Not Used |
• X61A Junction Block – Instrument Panel (Without Feature Code: -ANM) |
| 31  | ACCY / RUN CRNK | F31DL | 10 amps | • A10 Inside Rearview Mirror (Feature Code: 0016ACC) (DD8)  
• K69 Transfer Case Control Module (Feature Code: 0013TLP (0013WDB))  
• B87 Rearview Camera (Feature Code: 0008RNY)  
• S48A Multifunction Switch – Instrument Panel (Feature Code: 0012WGG) |
Table 49  Usage Table (cont.)

<table>
<thead>
<tr>
<th>No.</th>
<th>Device Label Name</th>
<th>Device Assigned Name</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
</table>
| 32  | AIR DUMP          | F32DL                | 7.5 amps| • KR193 Rear Air Suspension Control Relay  
                                 |                    |         | • S48A Multifunction Switch - Instrument Panel                             |
| 33  | SPARE             | F33DL                | 10 amps | • Not Used                                                                  |
| 34  | IPC               | F34DL                | 10 amps | • A26 HVAC Controls  
                                 |                    |         | • P16 Instrument Cluster  
                                 |                    |         | • P17 Info Display Module (Feature Code: 0008RNN / 0008RNW / 0008RNX)  
                                 |                    |         | • S32D Seat Heating Switch – Driver (Feature Code: 0016XJR)  
                                 |                    |         | • S32P Seat Heating Switch – Passenger (Feature Code: 0016XJR)       |
| 35  | EMPTY             | F35DL                | —       | • Not Used                                                                  |
| 36  | SPARE             | F36DL                | 15 amps | • Not Used                                                                  |
| 37  | UPFTR 1           | F37DL                | 30 amps | • X61A Junction Block – Instrument Panel (Feature Code: 0008XJP)            |
| 38  | SPARE             | F38DL                | 30 amps | • Not Used                                                                  |
| 39  | EMPTY             | F39DL                | —       | • Not Used                                                                  |
| 40  | LT DRS            | F40DL                | 30 amps | • M74D Window Motor – Driver (Feature Code: 0016WAK)  
                                 |                    |         | • S79LR Window Switch – Left Rear (Crew Cab)                              |
| 41  | DRVR PWR SEAT     | F41DL                | 30 amps | • S64D Seat Adjuster Switch-Driver ((Feature Code: 0016KVV / AZF)           |
| 42  | EMPTY             | F42DL                | —       | • Not Used                                                                  |
| 43  | LT HTD CLD SEAT   | F43DL                | 15 amps | • K29 Seat Heating Control Module (Feature Code: 0016XJR)                    |
| 44  | RH HTD CLD SEAT   | F44DL                | 15 amps | • K29 Seat Heating Control Module (Feature Code: 0016XJR)                    |
| 45  | SPARE             | F45DL                | 15 amps | • Not Used                                                                  |
| 46  | EMPTY             | F46DL                | —       | • Not Used                                                                  |
### Table 50  Usage Table

<table>
<thead>
<tr>
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<th>Device Label Name</th>
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<th>Rating</th>
<th>Description</th>
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| 49  | RAP / ACCY       | KR76A Retained Accessory Power Relay 1 | —      | • F2DL  
|     |                  |                      |        | • F10DL     |
| 50  | RUN / CRNK       | KR73 Ignition Main Relay | —      | • F22DL  
|     |                  |                      |        | • F23DL  
|     |                  |                      |        | • F30DL  
|     |                  |                      |        | • F31DL  
|     |                  |                      |        | • F32DL  
|     |                  |                      |        | • F33DL  |
| 51  | UPFTR 1          | KR161A Configurable Provision Relay 1 | —      | • F37DL  |
Connector Part Information
• Harness Type: Body
• Service Connector: 6040246C1
• Description: 44-pin F 1.5, 2.8, 800 Metri-Pack Series (BK)

Table 52 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
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<tr>
<td>I</td>
<td>6042055C1</td>
<td>J-35616-4A (PU)</td>
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<td>II</td>
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<td>J-35616-2A (GY)</td>
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<td>III</td>
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<td>J-35616-44 (YE)</td>
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Table 53 X51L Fuse Block – Instrument Panel Left X1

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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040247C1
- Description: 44-pin F 1.5, 2.8, 800 Metri-Pack Series (GY)

Table 55 Terminal Part Information

<table>
<thead>
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<th>Terminal Type ID</th>
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<td>J-35616-4A (PU)</td>
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Table 56 X51L Fuse Block – Instrument Panel Left X2

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### Table 56  X51L Fuse Block – Instrument Panel Left X2 (cont.)

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Connector Part Information

- Harness Type: Headliner
- Service Connector: 6040226C1
- Description: 20-pin F 1.5, 2.8 OCS Series (BK)

Table 58  Terminal Part Information

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Table 59  X51L Fuse Block – Instrument Panel Left X3

<table>
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### Table 59  X51L Fuse Block – Instrument Panel Left X3 (cont.)

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<th>Option</th>
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Table 60  Usage Table

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| 1 | APO 3 | F1DR | 15 amps | • X80D Accessory Power Receptacle – Center Console Compartment (Feature Code: 0016XCN)  
• X80E Accessory Power Receptacle – Center Seat (Without Feature Code: 0016XCN) |
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<th>No.</th>
<th>Device Label Name</th>
<th>Device Assigned Name</th>
<th>Rating</th>
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| 2   | APO 4             | F2DR                 | 15 amps| • X80D Accessory Power Receptacle – Center Console Compartment (Without Feature Code: 0016XCN)  
     |                   |                      |        | • X80L Accessory Power Receptacle – Center Console Rear (Feature Code: 0016XCN) |
| 3   | UPFTR SW 3 and 4 (B+) | F3DR             | 5 amps| • KR161C Configurable Provision Relay 3 (Feature Code: 0008XJP)  
     |                   |                      |        | • KR161D Configurable Provision Relay 4 (Feature Code: 0008XJP) |
| 4   | EMPTY             | F4DR                 | —      | • Not Used  |
| 5   | EMPTY             | F5DR                 | —      | • Not Used  |
| 6   | UPFTR SW 3 and 4 (RC) | F6DR             | 5 amps| • KR161C Configurable Provision Relay 3 (Feature Code: 0008XJP)  
     |                   |                      |        | • KR161D Configurable Provision Relay 4 (Feature Code: 0008XJP) |
| 7   | BCM 4             | F7DR                 | 20 amps| • K9 Body Control Module  
     |                   |                      |        | • E4G Headlamp - Left Low Beam  
     |                   |                      |        | • E4R Park / Turn Signal Lamp - Right Lower  
     |                   |                      |        | • E4T Park / Turn Signal Lamp - Right Upper  
     |                   |                      |        | • E4Z Turn Signal Repeater Lamp - Right (DPN)  
     |                   |                      |        | • KR68R Turn Signal Lamps Relay - Right (5DX / 5DY)  
     |                   |                      |        | • X107 Left Snow Plow Tee Harness to Left Snow Plow Light Harness (UNL)  
     |                   |                      |        | • X117 Right Snow Plow Tee Harness to Right Snow Plow Headlight Harness (UNL) |
| 8   | BCM 8             | F8DR                 | 20 amps| • K9 Body Control Module  
     |                   |                      |        | • A23D Door Latch Assembly - Driver  
     |                   |                      |        | • A23LR Door Latch Assembly - Left Rear (Crew Cab)  
     |                   |                      |        | • A23P Door Latch Assembly - Passenger  
<pre><code> |                   |                      |        | • A23RR Door Latch Assembly - Right Rear (Crew Cab) |
</code></pre>
<p>| 9   | SPARE             | F9DR                 | 10 amps| • Not Used |</p>
<table>
<thead>
<tr>
<th>No.</th>
<th>Device Label Name</th>
<th>Device Assigned Name</th>
<th>Rating</th>
<th>Description</th>
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</table>
| 10  | CARGO LAMP       | F10DR                | 15 amps| - E6 Center High Mounted Stop Lamp  
|     |                  |                      |        | - E33 Cargo Lamp  
|     |                  |                      |        | - E70D Outside Rearview Mirror Cargo Lamp – Driver (Feature Code: 0016SPS)  
|     |                  |                      |        | - E70P Outside Rearview Mirror Cargo Lamp – Passenger (Feature Code: 0016SPS)  
| 11  | EMPTY            | F11DR                | —      | - Not Used  
| 12  | EMPTY            | F12DR                | —      | - Not Used  
| 14  | EMPTY            | F14DR                | —      | - Not Used  
| 15  | STR WHL CNTRL    | F15DR                | 2 amps | - S70L Steering Wheel Controls – Left  
|     |                  |                      |        | - S70R Steering Wheel Controls Switch – Right (Feature Code: UK3)  
| 16  | EMPTY            | F16DR                | —      | - Not Used  
| 17  | EMPTY            | F17DR                | —      | - Not Used  
| 18  | RDO              | F18DR                | 20 amps| - A11 Radio (Feature Code: 0008RNN / 0008RNW / 0008RNX)  
|     |                  |                      |        | - A33 Media Disc Player (Feature Code: 0008RNS)  
|     |                  |                      |        | - K74 Human Machine Interface Control (Feature Code: 0008RNW / 0008RNX)  
|     |                  |                      |        | - X83 Auxiliary Audio Input (Feature Code: 0016XCN)  
|     |                  |                      |        | - X92 USB Receptacle (Feature Code: 0016XCN)  
| 19  | SPARE            | F19DR                | 10 amps| - Not Used  
| 20  | SUNROOF          | F20DR                | 30 amps| - KR58 Roof Beacon Relay (Feature Code: 0008XKS)  
| 21  | EMPTY            | F21DR                | —      | - Not Used  
| 22  | EMPTY            | F22DR                | —      | - Not Used  
| 23  | AIRBAG / INFO    | F23DR                | 10 amps / 10 amps | - K36 Inflatable Restraint Sensing and Diagnostic Module  
|     |                  |                      |        | - K73 Telematics Communication Interface Control Module (Feature Code: 0008AAE)  
| 24  | EMPTY            | F24DR                | —      | - Not Used  
| 25  | EMPTY            | F25DR                | —      | - Not Used  

Table 60 Usage Table (cont.)
<table>
<thead>
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<th>No.</th>
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<th>Description</th>
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<tr>
<td>26</td>
<td>EXP PTO / SEO B1</td>
<td>F26DR</td>
<td>15 amps / 15 amps</td>
<td>• K44 Power Take-Off Control Module (Feature Code: 0012WGG)</td>
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<td>• X191 (Feature Code: 0012WGG)</td>
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<td>USB / OBS DET</td>
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<td>10 amps</td>
<td>• X83 Auxiliary Audio Input (Without Feature Code: 0016XCN)</td>
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<td>28</td>
<td>BCM 2</td>
<td>F28DR</td>
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<td>• K9 Body Control Module</td>
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<td>• B10B Ambient Light / Sunload Sensor</td>
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<td>• K17 Electronic Brake Control Module</td>
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<td>• K36 Inflatable Restraint Sensing and Diagnostic Module</td>
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<td>• K44 Power Take-Off Control Module (PTO)</td>
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<td>• K56 Serial Data Gateway Module</td>
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<td>• K71 Transmission Control Module</td>
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<td>• K73 Telematics Communication Interface Control Module (0008AAE)</td>
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<td>• K74 Human Machine Interface Control Module (0008RNR / 0008RNX)</td>
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<td>• K77 Remote Control Door Lock Receiver</td>
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<td>• K89 Immobilizer Control Module</td>
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<td>• KR12B Windshield Wiper Relay</td>
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<td>• S70L Steering Wheel Controls Switch - Left</td>
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<td>• S77 Transfer Case Shift Control Switch (0013WDB)</td>
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<td></td>
<td>• X61A Junction Block - Instrument Panel</td>
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<td>• X81 Accessory Power Receptacle - 110V AC (0008XJX)</td>
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<td>29</td>
<td>EMPTY</td>
<td>F29DR</td>
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<td>30</td>
<td>EMPTY</td>
<td>F30DR</td>
<td>—</td>
<td>• Not Used</td>
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<tr>
<td>31</td>
<td>UPFTR 3</td>
<td>F31DR</td>
<td>30 amps</td>
<td>• X61A Junction Block – Instrument Panel (Feature Code: 0008XJP)</td>
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<tr>
<td>32</td>
<td>SEO B2</td>
<td>F32DR</td>
<td>30 amps</td>
<td>• X61A Junction Block – Instrument Panel</td>
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<tr>
<td>33</td>
<td>EMPTY</td>
<td>F33DR</td>
<td>—</td>
<td>• Not Used</td>
</tr>
<tr>
<td>34</td>
<td>EMPTY</td>
<td>F34DR</td>
<td>—</td>
<td>• Not Used</td>
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<tr>
<td>35</td>
<td>AC INV</td>
<td>F35DR</td>
<td>25 amps</td>
<td>• T1 Accessory DC / AC Power Inverter Module (Feature Code: 0008XJX)</td>
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<td>36</td>
<td>EMPTY</td>
<td>F36DR</td>
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<td>• Not Used</td>
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## Table 60 Usage Table (cont.)

<table>
<thead>
<tr>
<th>No.</th>
<th>Device Label Name</th>
<th>Device Assigned Name</th>
<th>Rating</th>
<th>Description</th>
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<tr>
<td>37</td>
<td>SPARE</td>
<td>F37DR</td>
<td>10 amps</td>
<td>• Not Used</td>
</tr>
<tr>
<td>38</td>
<td>EMPTY</td>
<td>F38DR</td>
<td>—</td>
<td>• Not Used</td>
</tr>
</tbody>
</table>
| 39  | UPFTR 4           | F39DR                | 30 amps | • X61A Junction Block – Instrument Panel (Feature Code: 0008XJP / 14899)  
  • Air pressure release relay (Feature Code: 14899)  
| 40  | EMPTY             | F40DR                | —       | • Not Used  |
| 41  | EMPTY             | F41DR                | —       | • Not Used  |
| 42  | RT DR WNDW MTR    | F42DR                | 30 amps | • S79P Window Switch – Passenger (Feature Code: 0016WAK)  
  • S79RR window Switch – Right Rear (Crew Cab)  
| 43  | FRT BLWR          | F43DR                | 40 amps | • M8 Blower Motor |
| 44  | INFOTMNT          | F44DR                | 15 amps | • A11 Radio (Feature Code: 0008RNM) |
### Table 60 Usage Table (cont.)

<table>
<thead>
<tr>
<th>No.</th>
<th>Device Label Name</th>
<th>Device Assigned Name</th>
<th>Rating</th>
<th>Description</th>
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</thead>
</table>
| 45  | BCM 6             | F45DR                | 15 amps | • K9 Body Control Module  
• E31L Sunshade Mirror Lamp - Left (0016XCS)  
• E31R Sunshade Mirror Lamp - Right (0016XCS)  
• E37B Dome / Reading Lamps - 2nd Row (Crew Cab)  
• E37EL Dome / Reading Lamps - Front Overhead Console Left  
• E37ER Dome / Reading Lamps - Front Overhead Console Right  
• F14DL  
• KR76A Retained Accessory Power Relay 1  
• KR76B Retained Accessory Power Relay 2  
• S5 Center Console Compartment Lamp Switch (0016XCN)  
• S12 Dome Lamp Switch  
• S13D Door Lock Switch - Driver  
• S13P Door Lock Switch - Passenger  
• S30 Headlamp Switch  
• S48A Multifunction Switch - Instrument Panel  
• S52 Outside Rearview Mirror Switch (0016SPS)  
• S63 Roof Beacon Switch (0008XKS)  
• S63 Roof Beacon Switch (0008XKS)  
• S76 Trailer Brake Control Switch (0592JL1)  
• S77 Transfer Case Shift Control Switch (0013WDB) |
<table>
<thead>
<tr>
<th>No.</th>
<th>Device Label Name</th>
<th>Device Assigned Name</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
</table>
| 46  | BCM 7            | F46DR               | 15 amps| • K9 Body Control Module  
  • E37B Dome / Reading Lamps - 2nd Row (Crew Cab)  
  • E37EL Dome / Reading Lamps - Front Overhead Console Left  
  • E37ER Dome / Reading Lamps - Front Overhead Console Right  
  • M7 Transmission Shift Lock Control Solenoid Actuator |
| 47  | PASS PWR SEAT    | F47DR               | 30 amps| • S64P Seat Adjuster Switch – Passenger  
  (Feature Code: 0016KVV / AZF) |
Table 61 Usage Table

<table>
<thead>
<tr>
<th>No.</th>
<th>Device Label Name</th>
<th>Device Assigned Name</th>
<th>Rating</th>
<th>Description</th>
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<tbody>
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<td>49</td>
<td>EMPTY</td>
<td>—</td>
<td>—</td>
<td>• Not Used</td>
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<td>50</td>
<td>RAP / ACCY</td>
<td>KR76B Retained Accessory Power Relay 2</td>
<td>—</td>
<td>• F1DR</td>
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<td>• F2DR</td>
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<td>Description</td>
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<tr>
<td>51</td>
<td>UPFTR 3</td>
<td>KR161C Configurable Provision Relay 3</td>
<td>—</td>
<td>• F31DR</td>
</tr>
<tr>
<td>52</td>
<td>UPFTR 4</td>
<td>KR161D Configurable Provision Relay 4</td>
<td>—</td>
<td>• F39DR</td>
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</tbody>
</table>

**Note:** Relays listed below are non-serviceable Printed Circuit Board (PCB) relays and are internal to the block.

| —   | —                | KR112 Cargo Lamp Relay | —      | • F10DR     |
| —   | —                | KR113 Child Security Lock Disable Relay | —      | • A23LR Door Latch Assembly – Left Rear (Crew Cab)  
• A23RR Door Latch Assembly – Right Rear (Crew Cab) |
| —   | —                | KR114 Door Dead Lock Relay | —      | • A23D Door Latch Assembly – Driver  
• A23LR Door Latch Assembly – Left Rear (Crew Cab)  
• A23P Door Latch Assembly – Passenger  
• A23RR Door Latch Assembly – Right Rear (Crew Cab) |
Connector Part Information

- Harness Type: Body
- Service Connector: 6040248C1
- Description: 44-pin F 1.5, 2.8, 800 Metri-Pack Series (NA)

Table 63 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042055C1</td>
<td>J-35616-4A (PU)</td>
</tr>
<tr>
<td>II</td>
<td>6042051C1 or 6042052C1</td>
<td>J-35616-2A (GY)</td>
</tr>
<tr>
<td>III</td>
<td>3614762C1</td>
<td>J-35616-44 (YE)</td>
</tr>
<tr>
<td>IV</td>
<td>3614762C1</td>
<td>J-35616-44 (YE)</td>
</tr>
<tr>
<td>V</td>
<td>6042050C1</td>
<td>J-35616-14 (GN)</td>
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<td>VI</td>
<td>6042050C1</td>
<td>J-35616-4A (PU)</td>
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<td>Pin</td>
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<td>Color</td>
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<td>GY</td>
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<td>GY</td>
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<td>WH / D-BU</td>
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Connector Part Information
- Harness Type: Instrument Panel
- Service Connector: 6040249C1
- Description: 44-pin F 1.5, 2.8, 800 Metri-Pack Series (GN)

Table 66  Terminal Part Information

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<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tr>
<td>I</td>
<td>3614762C1</td>
<td>J-35616-44 (YE)</td>
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<td>J-35616-4A (PU)</td>
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<td>J-35616-4A (PU)</td>
</tr>
<tr>
<td>IV</td>
<td>6042051C1</td>
<td>J-35616-2A (GY)</td>
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<td>V</td>
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Table 67  X51R Fuse Block – Instrument Panel Right X2

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<th>Circuit</th>
<th>Function</th>
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<th>Option</th>
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Connector Part Information

- Harness Type: Right A-pillar
- Service Connector: Service by Harness
- Description: 20-pin F 1.5, 2.8 OCS Series (GY)

Table 69 Terminal Part Information

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<thead>
<tr>
<th>Terminal Type ID</th>
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<th>Diagnostic Test Probe</th>
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<td>I</td>
<td>6042053C1</td>
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Table 70 X51R Fuse Block – Instrument Panel Right X3

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<th>Circuit</th>
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<th>Option</th>
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Table 70  X51R Fuse Block – Instrument Panel Right X3 (cont.)

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<th>Circuit</th>
<th>Function</th>
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<th>Option</th>
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<td>BK</td>
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<td>Ground</td>
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<td>BK</td>
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Connector Part Information
- Harness Type: Brake Booster
- Service Connector: 1667639C1
- Description: 2-Way F 630 Metri-Pack Series, Sealed (BK)

Table 72  Terminal Part Information

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Table 73  X55BA Fuse Holder 1 - Brake Booster

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<td>1</td>
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<td>GY</td>
<td>90EA</td>
<td>Brake Booster Power Splice</td>
<td>I</td>
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<tr>
<td>2</td>
<td>2</td>
<td>GY</td>
<td>90DC</td>
<td>Brake Pipe Pressure Switch</td>
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Connector Part Information
- Harness Type: Brake Booster
- Service Connector: 1667639C1
- Description: 2-Way F 630 Metri-Pack Series, Sealed (BK)

Table 75  Terminal Part Information

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Table 76  X55BB Fuse Holder 2 - Brake Booster

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<td>GY</td>
<td>90HB</td>
<td>Electronic Brake Control Module</td>
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<td>B</td>
<td>2</td>
<td>GY</td>
<td>90H</td>
<td>Brake Booster</td>
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Connector Part Information

- Harness Type: Body
- Service Connector: 6040239C1
- Description: 50-Way F 1.5, 2.8 OCS Series (BK)

Table 78 Terminal Part Information

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<td>6042051C1</td>
<td>J-35616-2A (GY)</td>
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<td>III</td>
<td>6042050C1</td>
<td>J-35616-14 (GN)</td>
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Table 79 X61A Junction Block – Instrument Panel X1

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<td>Run / Crank Ignition 1 Voltage</td>
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Connector Part Information

- Harness Type: Body
- Service Connector: 6040250C1
- Description: 50-pin F 1.5, 2.8 OCS Series (GY)

Table 81 Terminal Part Information

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Table 82 X61A Junction Block – Instrument Panel X2

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Connector Part Information

- Harness Type: Headliner
- Service Connector: 6040253C1
- Description: 50-pin F 1.5, 2.8 OCS Series (BU)

Table 84 Terminal Part Information

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<td>J-35616-4A (PU)</td>
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### Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040252C1
- Description: 50-Way F 1.5, 2.8 OCS Series (GN)

### Table 87 Terminal Part Information

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### Table 88  X61A Junction Block – Instrument Panel X4

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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040251C1
- Description: 50-pin F 1.5, 2.8 OCS Series (NA)

Table 90 Terminal Part Information

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<td>J-35616-4A (PU)</td>
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<td>J-35616-2A (GY)</td>
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Table 91 X61A Junction Block – Instrument Panel X5

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### Table 91  X61A Junction Block – Instrument Panel X5 (cont.)

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## Table 91  X61A Junction Block – Instrument Panel X5 (cont.)

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**Connector Part Information**

- Harness Type: Brake Clutch
- Service Connector: Service by Harness
- Description: 20-pin F 1.5, 2.8 OCS Series (BK)

**Table 93 Terminal Part Information**

<table>
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<td>J-35616-2A (GY)</td>
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<td>J-35616-35 (VT)</td>
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**Table 94 X61A Junction Block – Instrument Panel X8**

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### Table 94  X61A Junction Block – Instrument Panel X8 (cont.)

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Connector Part Information
• Harness Type: Brake Clutch
• Service Connector: Service by Harness
• Description: 20-Way F 1.5, 2.8 OCS Series (GY)

Table 96 Terminal Part Information

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Table 97 X61A Junction Block – Instrument Panel X9

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CONNECTOR END VIEWS

16.1. IN-LINE HARNESS CONNECTOR END VIEWS
Connector Part Information

- Harness Type: Reductant Tank
- Service Connector: Service by Harness
- Description: 16-Way F 1.2 Multilock Series (BK)

Table 99  Terminal Part Information

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Table 100  A38 Reductant Pump and Sensor Assembly

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Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040261C1
- Description: 36-pin F 1.5, 2.8 CTS, 6.3 MCP Series (BK)

Connector Part Information

- Harness Type: Engine
- Service Connector: 6040256C1
- Description: 36-pin M 1.5, 2.8, 5.8 Series, Sealed (BK)

Table 102  Terminal Part Information

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### Table 103  X101 Engine Chassis Harness to Engine Harness (cont.)

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Table 103  X101 Engine Chassis Harness to Engine Harness (cont.)

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Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040211C1
- Description: 5-way F 150 GT Series, Sealed (BK)
Connector Part Information

- Harness Type: Engine Cooling Fan
- Service Connector: 6040211C1
- Description: 5-Way F 150 GT Series, Sealed (BK)

Table 106  Terminal Part Information

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Table 107  X102 Engine Chassis Harness to Engine Cooling Fan Harness

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### Table 107  X102 Engine Chassis Harness to Engine Cooling Fan Harness (cont.)

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</table>
Connector Part Information

- Harness Type: Forward Lamp
- Service Connector: 3626435C1
- Description: 2-Way F 2.8 Series, Sealed (BK)
Connector Part Information

- Harness Type: Horn Jumper
- Service Connector: 3924162C1
- Description: 2-Way M 2.8 APEX Series, Sealed (BK)

Table 110 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>3613771C1</td>
<td>J-35616-4A (PU)</td>
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<tr>
<td>II</td>
<td>3618273C1</td>
<td>J-35616-4A (PU)</td>
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Table 111 X103 Forward Lamp Harness to Horn Jumper Harness

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>BN / GY</td>
<td>29</td>
<td>I</td>
<td>Horn Control</td>
<td>1</td>
<td>1</td>
<td>BN / GY</td>
<td>29</td>
<td>II</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>BK</td>
<td>85</td>
<td>I</td>
<td>Ground</td>
<td>2</td>
<td>1</td>
<td>BK</td>
<td>85</td>
<td>II</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Forward Lamp
- Service Connector: Service by Harness
- Description: 1-Way F Weather Pack Series (BK)
Connector Part Information

- Harness Type: Radiator Ground
- Service Connector: Service by Harness
- Description: 1-Way M

### Table 114 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-4A (PU)</td>
</tr>
<tr>
<td>II</td>
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<td>Not Available</td>
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### Table 115 X104 Forward Lamp Harness to Radiator Ground Harness

<table>
<thead>
<tr>
<th>Male</th>
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<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
</tr>
<tr>
<td>A</td>
<td>3</td>
<td>BK</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040304C1
- Description: 4-Way F 150 MX Series, Sealed (BK)
Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040255C1
- Description: 4-Way M 150 MX Series, Sealed (BK)

<table>
<thead>
<tr>
<th>Table 118 Terminal Part Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal Type ID</td>
</tr>
<tr>
<td>------------------</td>
</tr>
<tr>
<td>I</td>
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<td>II</td>
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</table>

Table 119 X105 Engine Chassis Harness to Engine Chassis Harness

<table>
<thead>
<tr>
<th>Male</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Starter Enable Relay Control</td>
<td>0.5</td>
<td>YE / BK</td>
<td>625</td>
<td>I</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Charge Indicator Control</td>
<td>0.75</td>
<td>BN</td>
<td>25</td>
<td>I</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Female</th>
<th></th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5 YE / BK</td>
<td>625</td>
<td>II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>0.75 BN</td>
<td>25</td>
<td>II</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Terminal Type ID</td>
<td>Function</td>
<td>Pin</td>
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<td>-----------------</td>
<td>---------------------------------</td>
<td>-----</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>YE/BK</td>
<td>625</td>
<td>I</td>
<td>Starter Enable Relay Control</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>0.75</td>
<td>BN</td>
<td>25</td>
<td>I</td>
<td>Charge Indicator Control</td>
<td>4</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Left Snow Plow Tee
- Service Connector: 3612305C1
- Description: 6-Way F 2.8 APEX Series, Sealed (BK)
### Connector Part Information
- Harness Type: Left Snow Plow Headlight
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way M

### Table 122 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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</thead>
<tbody>
<tr>
<td>I</td>
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</tr>
<tr>
<td>II</td>
<td>Not Available</td>
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### Table 123 X107 Left Snow Plow Tee Harness to Left Snow Plow Headlight Harness (UNL)

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<th>Pin</th>
<th>Size</th>
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<th>Male Pin</th>
<th>Male Size</th>
<th>Male Color</th>
<th>Male Circuit</th>
<th>Male Terminal Type ID</th>
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<tbody>
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<td>1</td>
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<td>BK</td>
<td>250</td>
<td>I</td>
<td>Ground</td>
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<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>1.5</td>
<td>YE</td>
<td>712</td>
<td>I</td>
<td>Left Headlamp Low Beam Control</td>
<td>2</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Female Pin</th>
<th>Female Size</th>
<th>Female Color</th>
<th>Female Circuit</th>
<th>Female Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>—</td>
<td>—</td>
<td>250</td>
<td>II</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>—</td>
<td>712</td>
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</tbody>
</table>
### Table 123  X107 Left Snow Plow Tee Harness to Left Snow Plow Headlight Harness (UNL) (cont.)

<table>
<thead>
<tr>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1.5</td>
<td>WH</td>
<td>711</td>
<td>I</td>
<td>Left Headlamp High Beam Control</td>
<td>3</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>711</td>
</tr>
<tr>
<td>4</td>
<td>1.5</td>
<td>GY/BU</td>
<td>7538</td>
<td>I</td>
<td>Left Front DRL Control</td>
<td>4</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>7538</td>
</tr>
<tr>
<td>5</td>
<td>1.5</td>
<td>VT/GY</td>
<td>709</td>
<td>I</td>
<td>Left Park Lamp Control</td>
<td>5</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>709</td>
</tr>
<tr>
<td>6</td>
<td>1.5</td>
<td>BU/WH</td>
<td>1314</td>
<td>I</td>
<td>Left Front Turn Signal Lamp Control</td>
<td>6</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>1314</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040304C1
- Description: 4-pin F 150 MX Series, Sealed (BK)
**Connector Part Information**

- Harness Type: Engine Chassis
- Service Connector: 6040255C1
- Description: 4-pin M 150 MX Series, Sealed (BK)

**Table 126 Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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<tr>
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**Table 127 X107 Engine Chassis Harness to Engine Chassis Harness**

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<thead>
<tr>
<th>Pin</th>
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<th>Color</th>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>YE / BK</td>
<td>625</td>
<td>I</td>
<td>Starter Enable Relay Control</td>
<td>1</td>
<td>0.5</td>
<td>YE / BK</td>
<td>625</td>
<td>II</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>BN</td>
<td>25</td>
<td>I</td>
<td>Charge Indicator Control</td>
<td>2</td>
<td>0.75</td>
<td>BN</td>
<td>25</td>
<td>II</td>
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</table>
### Table 127  X107 Engine Chassis Harness to Engine Chassis Harness (cont.)

<table>
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<th>Pin</th>
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<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>0.5</td>
<td>YE / BK</td>
<td>625</td>
<td>I</td>
<td>Starter Enable Relay Control</td>
<td>3</td>
<td>0.5</td>
<td>YE / BK</td>
<td>625</td>
<td>II</td>
</tr>
<tr>
<td>4</td>
<td>0.75</td>
<td>BN</td>
<td>25</td>
<td>I</td>
<td>Charge Indicator Control</td>
<td>4</td>
<td>0.75</td>
<td>BN</td>
<td>25</td>
<td>II</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Forward Lamp
- Service Connector: 6105358C1
- Description: 2-Way F 2.8 APEX Series, Sealed (BK)
Connector Part Information
- Harness Type: Left Fog Lamp Interconnect
- Service Connector: 3924162C1
- Description: 2-Way M 2.8 APEX Series, Sealed (BK)

Table 130  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>3613770C1</td>
<td>J-35616-4A (PU)</td>
</tr>
<tr>
<td>II</td>
<td>3618273C1</td>
<td>J-35616-4A (PU)</td>
</tr>
</tbody>
</table>

Table 131  X108 Forward Lamp Harness to Left Fog Lamp Jumper Harness (Feature Code: 0008XJG)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td>BN/VT</td>
<td>2234</td>
<td>I</td>
<td>Front Fog Lamp Control</td>
<td>1</td>
<td>1.5</td>
<td>BN/VT</td>
<td>2234</td>
<td>II</td>
</tr>
<tr>
<td>2</td>
<td>1.5</td>
<td>BK</td>
<td>150</td>
<td>I</td>
<td>Ground</td>
<td>2</td>
<td>1.5</td>
<td>BK</td>
<td>150</td>
<td>II</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Left Headlight Interconnect
- Service Connector: 4100562C1
- Description: 8-Way F 2.8 MCP Series, Sealed (BK)
Connector Part Information
- Harness Type: Forward Lamp
- Service Connector: 4100563C1
- Description: 8-Way M 2.8 Series, Sealed (BK)

Table 134  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>3830798C1</td>
<td>J-35616-4A (PU)</td>
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<tr>
<td>II</td>
<td>4086477C1</td>
<td>J-35616-4A (PU)</td>
</tr>
</tbody>
</table>

Table 135  X109 Left Headlight Jumper Harness to Forward Lamp Harness

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>YE</td>
<td>712</td>
<td>I</td>
<td>Left Headlight Low Beam Control</td>
<td>1</td>
<td>1</td>
<td>YE</td>
<td>712</td>
<td>II</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>VT / GY</td>
<td>709</td>
<td>I</td>
<td>Left Park Lamp Control</td>
<td>2</td>
<td>1</td>
<td>VT / GY</td>
<td>709</td>
<td>II</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Terminal Type ID</td>
<td>Function</td>
<td>Male Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Terminal Type ID</td>
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<tr>
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<td>-----------------</td>
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<td>---------</td>
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</tr>
<tr>
<td>3</td>
<td>1</td>
<td>BU/WH</td>
<td>1314</td>
<td>I</td>
<td>Left Front Turn Signal Lamp Control</td>
<td>3</td>
<td>1</td>
<td>BU/WH</td>
<td>1314</td>
<td>II</td>
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<tr>
<td>4</td>
<td>1</td>
<td>BN/GN</td>
<td>109</td>
<td>I</td>
<td>Hood Ajar Switch Signal</td>
<td>4</td>
<td>1</td>
<td>BN/GN</td>
<td>109</td>
<td>II</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>WH</td>
<td>711</td>
<td>I</td>
<td>Left Headlight High Beam Control</td>
<td>5</td>
<td>1</td>
<td>WH</td>
<td>711</td>
<td>II</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>GY/BU</td>
<td>7538</td>
<td>I</td>
<td>Left Front DRL Control</td>
<td>6</td>
<td>1</td>
<td>GY/BU</td>
<td>7538</td>
<td>II</td>
</tr>
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<td>I</td>
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<td>7</td>
<td>1</td>
<td>YE</td>
<td>5530</td>
<td>II</td>
</tr>
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<td>8</td>
<td>1.5</td>
<td>BK</td>
<td>250</td>
<td>I</td>
<td>Ground</td>
<td>8</td>
<td>1.5</td>
<td>BK</td>
<td>250</td>
<td>II</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Left Snow Plow Tee
- Service Connector: 3709924C1
- Description: 8-Way F 150 MX Series, Sealed (BK)
**Connector Part Information**

- Harness Type: Left Headlight
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M

---

**Table 138 Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<td>I</td>
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**Table 139 X110 Left Snow Plow Tee Harness to Left Headlight Harness (UNL)**

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<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>BK</td>
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<td>I</td>
<td>Ground</td>
<td>1</td>
<td>0.75</td>
<td>BK</td>
<td>250</td>
<td>II</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>YE</td>
<td>712</td>
<td>I</td>
<td>Left Headlight Low Beam Control</td>
<td>2</td>
<td>0.75</td>
<td>YE</td>
<td>712</td>
<td>II</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Terminal Type ID</td>
<td>Function</td>
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<td>Terminal Type ID</td>
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<td>-------</td>
<td>---------</td>
<td>-----------------</td>
</tr>
<tr>
<td>3</td>
<td>0.75</td>
<td>WH</td>
<td>711</td>
<td>I</td>
<td>Left Headlight High Beam Control</td>
<td>3</td>
<td>0.75</td>
<td>BK</td>
<td>711</td>
<td>II</td>
</tr>
<tr>
<td>4</td>
<td>0.75</td>
<td>GY/BU</td>
<td>7538</td>
<td>I</td>
<td>Left Front DRL, Control</td>
<td>4</td>
<td>0.75</td>
<td>—</td>
<td>—</td>
<td>II</td>
</tr>
<tr>
<td>5</td>
<td>0.75</td>
<td>VT/GY</td>
<td>709</td>
<td>I</td>
<td>Left Park Lamp Control</td>
<td>5</td>
<td>0.75</td>
<td>VT/GY</td>
<td>709</td>
<td>II</td>
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<tr>
<td>6</td>
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<td>BU/WH</td>
<td>1314</td>
<td>I</td>
<td>Left Front Turn Signal Lamp Control</td>
<td>6</td>
<td>0.75</td>
<td>BU/WH</td>
<td>1314</td>
<td>II</td>
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Connector Part Information

- Harness Type: Left Snow Plow Tee
- Service Connector: 3709924C1
- Description: 8-Way F 150 MX Series, Sealed (BK)
Connector Part Information

- Harness Type: Left Headlight
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M

### Table 142 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>3686943C1</td>
<td>J-35616-2A (GY)</td>
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<tr>
<td>II</td>
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### Table 143 X110 Left Headlight Jumper Harness to Left Headlight Harness (-UNL)

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<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
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</thead>
<tbody>
<tr>
<td>1</td>
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<td>BK</td>
<td>250</td>
<td>I</td>
<td>Ground</td>
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<td>II</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>YE</td>
<td>712</td>
<td>I</td>
<td>Left Headlight Low Beam Control</td>
<td>2</td>
<td>0.75</td>
<td>YE</td>
<td>712</td>
<td>II</td>
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</tbody>
</table>
### Table 143 X110 Left Headlight Jumper Harness to Left Headlight Harness (-UNL) (cont.)

<table>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
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<td>WH</td>
<td>711</td>
<td>I</td>
<td>Left Headlight High Beam Control</td>
<td>3</td>
<td>0.75</td>
<td>WH</td>
<td>711</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.75</td>
<td>GY/BU</td>
<td>7538</td>
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<td>Left Front DRL, Control</td>
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<td>GY/BU</td>
<td>7538</td>
<td>I</td>
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<td>0.75</td>
<td>VT/GY</td>
<td>709</td>
<td>I</td>
<td>Left Park Lamp Control</td>
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<td>VT/GY</td>
<td>709</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
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<td>BU/WH</td>
<td>1314</td>
<td>I</td>
<td>Left Front Turn Signal Lamp Control</td>
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<td>BU/WH</td>
<td>1314</td>
<td>I</td>
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<td>—</td>
<td>I</td>
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Connector Part Information

- Harness Type: Left Headlight Jumper
- Service Connector: 3709924C1
- Description: 8-Way F 150 MX Series, Sealed (BK)
Table 146  Terminal Part Information

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<th>Diagnostic Test Probe</th>
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<td>4088383C91</td>
<td>J-35616-14 (GN)</td>
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<tr>
<td>II</td>
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Table 147  X111 Left Headlight Jumper Harness to Left Snowplow Tee Harness (UNL)

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<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td>YE</td>
<td>712</td>
<td>I</td>
<td>Left Headlight Low Beam Control</td>
<td>1</td>
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<td>YE</td>
<td>712</td>
<td>II</td>
</tr>
<tr>
<td>2</td>
<td>1.5</td>
<td>VT / GY</td>
<td>709</td>
<td>I</td>
<td>Left Park Lamp Control</td>
<td>2</td>
<td>1.5</td>
<td>VT / GY</td>
<td>709</td>
<td>II</td>
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<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Terminal Type ID</td>
<td>Function</td>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
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<td>BU/WH</td>
<td>1314</td>
<td>I</td>
<td>Left Front Turn Signal Lamp Control</td>
<td>3</td>
<td>1.5</td>
<td>BU/WH</td>
<td>1314</td>
<td>II</td>
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<tr>
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</tr>
<tr>
<td>5</td>
<td>1.5</td>
<td>WH</td>
<td>711</td>
<td>I</td>
<td>Left Headlight High Beam Control</td>
<td>5</td>
<td>1.5</td>
<td>WH</td>
<td>711</td>
<td>II</td>
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<td>6</td>
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<td>GY/BU</td>
<td>7538</td>
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<td>Left Front DRL Control</td>
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<td>1.5</td>
<td>GY/BU</td>
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<td>II</td>
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</tr>
<tr>
<td>8</td>
<td>1.5</td>
<td>BK</td>
<td>250</td>
<td>I</td>
<td>Ground</td>
<td>8</td>
<td>1.5</td>
<td>BK</td>
<td>250</td>
<td>II</td>
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</table>
Connector Part Information

- Harness Type: Engine
- Service Connector: 6041821C1
- Description: 8-pin F 150 MX Series, Sealed (BK)
Connector Part Information
- Harness Type: Engine Left
- Service Connector: Service by Harness
- Description: 8-pin M 150 MX Series, Sealed (BK)

Table 150 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
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<td>I</td>
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<td>J-35616-14 (GN)</td>
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<tr>
<td>II</td>
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<td>J-35616-3 (GY)</td>
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Table 151  X112 Engine Harness to Engine Left Harness

<table>
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<td>Color</td>
<td>Circuit</td>
<td>Terminal Type ID</td>
<td>Function</td>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
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<tr>
<td>1</td>
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<td>VT / BU</td>
<td>6270</td>
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<td>VT / BU</td>
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<tr>
<td>2</td>
<td>0.5</td>
<td>BK / VT</td>
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<td>BK / VT</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>GN</td>
<td>6271</td>
<td>I</td>
<td>Crankshaft 60X Sensor Signal</td>
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<td>0.5</td>
<td>GN</td>
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<tr>
<td>4</td>
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<td>2917</td>
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<td>Fuel Rail Pressure Sensor 5 volt Reference</td>
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<td>BN / RD</td>
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<tr>
<td>5</td>
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<td>BK / GN</td>
<td>2919</td>
<td>I</td>
<td>Fuel Rail Pressure Sensor Low Reference</td>
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<td>0.5</td>
<td>BK / GN</td>
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<tr>
<td>6</td>
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<td>BU / WH</td>
<td>2918</td>
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<td>BU / WH</td>
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<td>BN / YE</td>
<td>2161</td>
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<td>Fuel Rail Pressure Sensor 2 Signal</td>
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<td>0.5</td>
<td>BN / YE</td>
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Connector Part Information

- Harness Type: Engine
- Service Connector: 6040288C1
- Description: 12-Way F 1.5 Series, Sealed (BK)
Connector Part Information

- Harness Type: Engine Left
- Service Connector: Service by Harness
- Description: 12-Way M 150 MX Series, Sealed (BK)

Table 154 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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<th>Diagnostic Test Probe</th>
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<tr>
<td>I</td>
<td>6042061C1</td>
<td>J-35616-14 (GN)</td>
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<tr>
<td>II</td>
<td>6042063C1</td>
<td>J-35616-3 (GY)</td>
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Table 155 X113 Engine Harness to Engine Left Harness

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<th>Circuit</th>
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<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
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</thead>
<tbody>
<tr>
<td>1</td>
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<td>WH / RD</td>
<td>2705</td>
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<td>WH / RD</td>
<td>2705</td>
<td>II</td>
</tr>
<tr>
<td>2</td>
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<td>BK / VT</td>
<td>2755</td>
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<td>Oil Pressure Sensor Low Reference</td>
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<td>0.5</td>
<td>BK / VT</td>
<td>2755</td>
<td>II</td>
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<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Terminal Type ID</td>
<td>Function</td>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Terminal Type ID</td>
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<td>YE/BN</td>
<td>331</td>
<td>II</td>
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<td>II</td>
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<td>0.5</td>
<td>BK/BN</td>
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<td>BK/WH</td>
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<td>I</td>
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<td>BN/BK</td>
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<td>II</td>
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Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040233C1
- Description: 48-pin F 1.5 MCP, 2.8 JPT, 6.3 MCP Series, Sealed (GY)
Connector Part Information

- Harness Type: Body
- Service Connector: 6040214C1
- Description: 48-pin M 1.6, 2.8, 5.8 Series, Sealed (GY)

Table 158 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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<td>6041985C1</td>
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<td>IV</td>
<td>6042010C1</td>
<td>J-35616-35 (VT)</td>
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<td>V</td>
<td>6041998C1</td>
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<td>6042031C1</td>
<td>J-35616-14 (GN)</td>
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<td>6041957C1</td>
<td>J-35616-3 (GY)</td>
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<td>6041951C1</td>
<td>J-35616-5 (PU)</td>
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<td>6041933C1</td>
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<td>X</td>
<td>6041958C1</td>
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### Table 158  Terminal Part Information (cont.)

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### Table 159  X115 Engine Harness to Body Harness

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<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
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<th>Terminal Type ID</th>
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</thead>
<tbody>
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<td>D-BU</td>
<td>7573</td>
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<td>BN</td>
<td>419</td>
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### Table 159  X115 Engine Harness to Body Harness (cont.)

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Connector Part Information

- Harness Type: Right Snow Plow Tee
- Service Connector: 3612305C1
- Description: 48-Way F 1.5 MCP, 2.8 JPT, 6.3 MCP Series, Sealed (GY)
## Connector Part Information

- **Harness Type:** Right Snow Plow Headlight
- **Service Connector:** Service by Harness
- **Description:** 48-Way M 1.6, 2.8, 5.8 Series, Sealed (GY)

### Table 162 Terminal Part Information

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### Table 163 X117 Right Snow Plow Tee Harness to Right Snow Plow Headlight Harness (UNL)

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Connector Part Information

- Harness Type: Forward Lamp
- Service Connector: 6105358C1
- Description: 2-Way F 2.8 APEX Series, Sealed (BK)
Connector Part Information

- Harness Type: Right Fog Lamp Interconnect
- Service Connector: 3924162C1
- Description: 2-Way M 2.8 APEX Series, Sealed (BK)

Table 166  Terminal Part Information

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Table 167  X118 Forward Lamp Harness to Right Fog Lamp Jumper Harness (Feature Code: 0008XJG)

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## Connector Part Information

- Harness Type: Right Headlight Interconnect
- Service Connector: 4100562C1
- Description: 8-Way F 2.8 MCP Series, Sealed (BK)
Connector Part Information

- Harness Type: Forward Lamp
- Service Connector: 4100563C1
- Description: 8-Way M 2.8 Series, Sealed (BK)
## Table 170  Terminal Part Information

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## Table 171  X119 Right Headlight Jumper Harness to Forward Lamp Harness

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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>YE</td>
<td>312</td>
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<td>Right Headlight Low Beam Control</td>
<td>1</td>
<td>1</td>
<td>YE</td>
<td>312</td>
<td>II</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>GY/BN</td>
<td>309</td>
<td>I</td>
<td>Right Park Lamp Control</td>
<td>2</td>
<td>1</td>
<td>GY / BN</td>
<td>309</td>
<td>II</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>GN/VT</td>
<td>1315</td>
<td>I</td>
<td>Right Front Turn Signal Lamp Control</td>
<td>3</td>
<td>1</td>
<td>GN / VT</td>
<td>1315</td>
<td>II</td>
</tr>
<tr>
<td>4</td>
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<td>Not Occupied</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>5</td>
<td>1</td>
<td>WH</td>
<td>311</td>
<td>I</td>
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<td>5</td>
<td>1</td>
<td>WH</td>
<td>311</td>
<td>II</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>BU/BN</td>
<td>7539</td>
<td>I</td>
<td>Right Front DRL Control</td>
<td>6</td>
<td>1</td>
<td>BU / BN</td>
<td>7539</td>
<td>II</td>
</tr>
<tr>
<td>7</td>
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<td></td>
<td></td>
<td></td>
<td>Not Occupied</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>8</td>
<td>1.5</td>
<td>BK</td>
<td>250</td>
<td>I</td>
<td>Ground</td>
<td>8</td>
<td>1.5</td>
<td>BK</td>
<td>250</td>
<td>II</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine
- Service Connector: 3709924C1
- Description: 8-pin F 150 MX Series, Sealed (BK)
Connector Part Information

- Harness Type: Engine Left
- Service Connector: Service by Harness
- 8-Way M

Table 174  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>3686943C1</td>
<td>J-35616-14 (GN)</td>
</tr>
<tr>
<td>II</td>
<td>Not Required</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Table 175  X120 Right Snow Plow Tee Harness to Right Headlight Harness (UNL)

| Pin | Size | Color | Circuit | Terminal Type ID | Function                        | Female
|-----|------|-------|---------|------------------|---------------------------------|
| 1   | 1.5  | BK    | 250     | I                | Ground                          | 1 1.5 BK 250 II
| 2   | 1    | YE    | 312     | I                | Right Headlight Low Beam Control| 2 1 BK 312 II
Table 175  X120 Right Snow Plow Tee Harness to Right Headlight Harness (UNL) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1</td>
<td>WH</td>
<td>311</td>
<td>I</td>
<td>Right Headlight High Beam Control</td>
<td>3</td>
<td>1</td>
<td>BK</td>
<td>311</td>
<td>II</td>
</tr>
<tr>
<td>4</td>
<td>0.75</td>
<td>GY/BU</td>
<td>7539</td>
<td>I</td>
<td>Right Front DRL Control</td>
<td>4</td>
<td>0.75</td>
<td>GY/BU</td>
<td>7539</td>
<td>II</td>
</tr>
<tr>
<td>5</td>
<td>0.75</td>
<td>VT/GY</td>
<td>309</td>
<td>I</td>
<td>Right Park Lamp Control</td>
<td>5</td>
<td>0.75</td>
<td>VT/GY</td>
<td>309</td>
<td>II</td>
</tr>
<tr>
<td>6</td>
<td>0.75</td>
<td>BU/WH</td>
<td>1315</td>
<td>I</td>
<td>Right Front Turn Signal Lamp Control</td>
<td>6</td>
<td>0.75</td>
<td>BU/WH</td>
<td>1315</td>
<td>II</td>
</tr>
<tr>
<td>7-8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Not Occupied</td>
<td></td>
<td></td>
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</tbody>
</table>


Connector Part Information

- Harness Type: Engine
- Service Connector: 3709924C1
- Description: 8-pin F 150 MX Series, Sealed (BK)
Connector Part Information

- Harness Type: Engine Left
- Service Connector: Service by Harness
- Description: 8-Way M

Table 178 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>3686943C1</td>
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<tr>
<td>II</td>
<td>Not Required</td>
<td>Not Available</td>
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Table 179 X120 Right Headlight Jumper Harness to Right Headlight Harness (-UNL)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td>BK</td>
<td>250</td>
<td>I</td>
<td>Ground</td>
<td>1</td>
<td>1.5</td>
<td>BK</td>
<td>250</td>
<td>II</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>YE</td>
<td>312</td>
<td>I</td>
<td>Right Headlight Low Beam Control</td>
<td>2</td>
<td>0.75</td>
<td>YE</td>
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### Table 179  X120 Right Headlight Jumper Harness to Right Headlight Harness (-UNL) (cont.)

<table>
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<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
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</thead>
<tbody>
<tr>
<td>3</td>
<td>0.75</td>
<td>WH</td>
<td>311</td>
<td>I</td>
<td>Right Headlight High Beam Control</td>
<td>3</td>
<td>0.75</td>
<td>WH</td>
<td>311</td>
<td>II</td>
</tr>
<tr>
<td>4</td>
<td>0.75</td>
<td>GY / BU</td>
<td>7539</td>
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<td>Right Front DRL Control</td>
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<td>GY / BU</td>
<td>7539</td>
<td>II</td>
</tr>
<tr>
<td>5</td>
<td>0.75</td>
<td>VT / GY</td>
<td>309</td>
<td>I</td>
<td>Right Park Lamp Control</td>
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<td>0.75</td>
<td>VT / GY</td>
<td>309</td>
<td>II</td>
</tr>
<tr>
<td>6</td>
<td>0.75</td>
<td>BU / WH</td>
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<td>I</td>
<td>Right Front Turn Signal Lamp Control</td>
<td>6</td>
<td>0.75</td>
<td>BU / WH</td>
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<td>II</td>
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<tr>
<td>7-8</td>
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<td>Not Occupied</td>
<td></td>
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</tr>
</tbody>
</table>

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**Note:** The table provides a detailed list of connections for the X120 Right Headlight Jumper Harness to the Right Headlight Harness (-UNL), including pin numbers, sizes, colors, circuits, and terminal type IDs. Each entry indicates the specific function and connection details for the electrical system.
Connector Part Information

- Harness Type: Engine
- Service Connector: 3709924C1
- Description: 8-pin F 150 MX Series, Sealed (BK)
Connector Part Information

- Harness Type: Engine Left
- Service Connector: 3709925C1
- Description: 8-pin M 150 MX Series, Sealed (BK)

Table 182 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<td>I</td>
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<tr>
<td>II</td>
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Table 183 X121 Right Headlight Jumper Harness to Right Snow Plow Tee Harness (UNL)

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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>YE</td>
<td>312</td>
<td>I</td>
<td>Right Headlight Low Beam Control</td>
<td>1</td>
<td>1.5</td>
<td>YE</td>
<td>312</td>
<td>II</td>
</tr>
<tr>
<td>2</td>
<td>1.5</td>
<td>VT / GY</td>
<td>309</td>
<td>I</td>
<td>Right Park Lamp Control</td>
<td>2</td>
<td>1.5</td>
<td>VT / GY</td>
<td>309</td>
<td>II</td>
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<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Pin</td>
<td>Size</td>
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</tr>
<tr>
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<td>BU/WH</td>
<td>1315</td>
<td>I Right Front Turn Signal Lamp Control</td>
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<td>1.5</td>
<td>BU/WH</td>
<td>1315</td>
<td>II</td>
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<td>WH</td>
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<td>I Right Headlight High Beam Control</td>
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<td>1.5</td>
<td>WH</td>
<td>311</td>
<td>II</td>
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<td>1.5</td>
<td>GY/BK</td>
<td>7539</td>
<td>I Right Front DRL Control</td>
<td>6</td>
<td>1.5</td>
<td>GY/BK</td>
<td>7539</td>
<td>II</td>
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</tr>
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<td>—</td>
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<td>7</td>
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<td>—</td>
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<td>—</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>2</td>
<td>BK</td>
<td>250</td>
<td>I Ground</td>
<td>8</td>
<td>2</td>
<td>BK</td>
<td>250</td>
<td>II</td>
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</table>
Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040237C1
- Description: 20-Way F 1.5 Series, Sealed (BK)
Connector Part Information

- Harness Type: Chassis
- Service Connector: 3990222C1
- Description: 20-Way M 1.5 Series, Sealed (BK)

Table 186 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>6041962C1</td>
<td>J-35616-14 (GN)</td>
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<tr>
<td>II</td>
<td>6041961C1</td>
<td>J-35616-2A (GY)</td>
</tr>
<tr>
<td>III</td>
<td>3708931C1 and 3850120C1</td>
<td>J-35616-4A (PU)</td>
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# Table 187  X125 Engine Chassis Harness to Chassis Harness

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</tr>
<tr>
<td>3</td>
<td>0.5</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
</tr>
<tr>
<td>5-6</td>
<td>—</td>
</tr>
<tr>
<td>7</td>
<td>0.5</td>
</tr>
<tr>
<td>8</td>
<td>0.5</td>
</tr>
<tr>
<td>9</td>
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### Table 187  X125 Engine Chassis Harness to Chassis Harness (cont.)

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<th>Female</th>
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<th>Terminal Type ID</th>
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<tbody>
<tr>
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<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Terminal Type ID</td>
<td>Function</td>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
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</tr>
<tr>
<td>12</td>
<td>1.5</td>
<td>VT / GY</td>
<td>539</td>
<td>I</td>
<td>Run / Crank Ignition 1 Voltage</td>
<td>12</td>
<td>1.5</td>
<td>GY</td>
<td>539</td>
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<tr>
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<tr>
<td>15</td>
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<td>WH / RD</td>
<td>6054</td>
<td>II</td>
<td>DPF Differential Pressure (Exhaust Pressure Sensor) 5 volt Reference</td>
<td>15</td>
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<td>WH / RD</td>
<td>6054</td>
</tr>
<tr>
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<td>0.5</td>
<td>BK / YE</td>
<td>6055</td>
<td>II</td>
<td>DPF Differential Pressure (Exhaust Pressure Sensor) Low Reference</td>
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<td>0.5</td>
<td>BK / YE</td>
<td>6055</td>
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<tr>
<td>17</td>
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<td>D-BU</td>
<td>6053</td>
<td>II</td>
<td>DPF Differential Pressure (Exhaust Pressure Sensor) Signal</td>
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<td>BU</td>
<td>6053</td>
</tr>
<tr>
<td>18</td>
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<td>BN / RD</td>
<td>7445</td>
<td>II</td>
<td>Fuel Line Pressure Sensor 5 volt Reference</td>
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<td>BN / RD</td>
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<td>I</td>
<td>NOx Sensor 1 Control</td>
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<td>1.5</td>
<td>VT / BU</td>
<td>3674</td>
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</tbody>
</table>
Connector Part Information

- Harness Type: Chassis
- Service Connector: 4086709C1
- Description: 40-Way F 1.5, 2.8 Series, Sealed (BK)
Connector Part Information

- Harness Type: Body
- Service Connector: 6040199C1
- Description: 40-Way M 1.5 DSQ, 2.8 ATS Series, Sealed (BK)

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>4089916C1 or 4089917C1</td>
<td>J-35616-4A (PU)</td>
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<tr>
<td>II</td>
<td>6042001C1</td>
<td>J-35616-5 (PU)</td>
</tr>
<tr>
<td>III</td>
<td>6041951C1</td>
<td>J-35616-5 (PU)</td>
</tr>
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<td>IV</td>
<td>6041958C1</td>
<td>J-35616-3 (GY)</td>
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<tr>
<td>V</td>
<td>6041927C1</td>
<td>J-35616-3 (GY)</td>
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<td>WH / BU</td>
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<td>YE</td>
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<td>0.5</td>
<td>BU / RD</td>
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<td>5</td>
<td>0.5</td>
<td>BN</td>
</tr>
<tr>
<td>6</td>
<td>0.5</td>
<td>BK / BN</td>
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<td>1.0</td>
<td>VT / GY</td>
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<td>9</td>
<td>0.5</td>
<td>BU / BN</td>
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<td>YE / BU</td>
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<td>Pin</td>
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Connector Part Information

- Harness Type: Reductant Control Module Jumper
- Service Connector: Service by Harness
- Description: 16-Way F
Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040264C1
- Description: 16-Way M 150 MX Series, Sealed (L-GY)

Table 194 Terminal Part Information

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Connector Part Information

- Harness Type: Forward Lamp
- Service Connector: 4086709C1
- Description: 40-pin F 1.5, 2.8 Series, Sealed (BK)
Connector Part Information

- Harness Type: Body
- Service Connector: 4086709C1
- Description: 40-Way M 1.5 DSQ, 2.8 ATS Series, Sealed (BK)

Table 198  Terminal Part Information

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### Table 199  X150 Forward Lamp Harness to Body Harness (cont.)

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**Connector Part Information**

- **Harness Type:** Engine Chassis
- **Service Connector:** 6040283C1
- **Description:** 24-Way F 1.5 Series, Sealed (BK)
Connector Part Information

- Harness Type: Transmission
- Service Connector: Not Available
- Description: 24-Way M

Table 202  Terminal Part Information

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Table 203  X175 Engine Chassis Harness to Transmission Harness

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Table 203  X175 Engine Chassis Harness to Transmission Harness (cont.)

- Driver Seat Belt Retractor Solenoid Control
- Power Window Master Switch Right Rear Down Signal
- Driver Information Center Fuel LED Control
- Rear Compartment Lid Pull Down Motor Control
- Low Washer Fluid Indicator Control
- Low Oil Pressure Switch Signal
- Driver Information Center Oil LED Control
- ABS Pump Motor Control
- Charge Port Valve Command Signal
- Not Occupied
Connector Part Information

- Harness Type: Hydromax Interconnect
- Service Connector: 3540565C1
- Description: 7-Way F 150 Metri-Pack, 480 Series, Sealed (BK)
Connector Part Information

- Harness Type: Chassis
- Service Connector: 3540569C1
- Description: 7-Way M 150, 480 Metri-Pack Series, Sealed (BK))

Table 206  Terminal Part Information

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### Table 207  X180 Brake Booster Harness to Chassis Harness

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<td>Option</td>
<td>Function</td>
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<td>GY</td>
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<td>Right Mirror Motor Left Control</td>
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<td>C</td>
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<td>GY</td>
<td>90D</td>
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<td>Right Mirror Motor Left Control</td>
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<td>Cruise / ETC / TCC Brake Signal</td>
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<td>RD</td>
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Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040235C1
- Description: 16-Way F 150 GT Series, Sealed (BK)
Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040230C1
- Description: 16-pin M 150 Series, Sealed (BK)

Table 210  Terminal Part Information

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<td>3535304C1</td>
<td>J-35616-3 (GY)</td>
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### Table 211  X191 Engine Chassis Harness to Engine Chassis Harness (PTO)

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<td>Ground</td>
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<td>Power Take-off Status Signal</td>
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<td>Power Take-off Relay Coil Control</td>
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### Table 211  X191 Engine Chassis Harness to Engine Chassis Harness (PTO) (cont.)

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<td>Run / Crank Ignition 1 Voltage</td>
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<tr>
<td>S</td>
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Connector Part Information

- Harness Type: Steering Column
- Service Connector: Service by Harness
- Description: 42-Way F
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040225C1
- Description: 42-pin M 0.64, 2.8 Series (GY)

Table 214 Terminal Part Information

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### Table 215  X201 Steering Column Harness to Instrument Panel Harness

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### Table 215  X201 Steering Column Harness to Instrument Panel Harness (cont.)

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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040212C1
- Description: 4-pin F 1.2 Series, Sealed (YE)
Connector Part Information

- Harness Type: Passenger Instrument Panel Air Bag
- Service Connector: Service by Harness
- Description: 4-pin M

### Table 218 Terminal Part Information

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### Table 219 X205 Instrument Panel Harness to Passenger Instrument Panel Air Bag Harness

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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (YE)
Connector Part Information

- Harness Type: Passenger Instrument Panel Air Bag
- Service Connector: Service by Harness
- Description: 2-Way M (YE)

### Table 222 Terminal Part Information

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<td>J-35616-16 (LT GN)</td>
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<tr>
<td>II</td>
<td>Not Available</td>
<td>J-35616-17 (LT GN)</td>
</tr>
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</table>
Table 223  X206 Passenger Instrument Panel Air Bag Jumper Harness to Passenger Instrument Panel Air Bag Harness

<table>
<thead>
<tr>
<th>Male</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th>Female</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit Type ID</td>
<td>Option</td>
<td>Function</td>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit Type ID</td>
</tr>
<tr>
<td>1</td>
<td>0.35</td>
<td>YE / OG</td>
<td>3025</td>
<td>I</td>
<td>—</td>
<td>Passenger IP Module Stage 1 High Control</td>
<td>1</td>
<td>—</td>
<td>YE / OG</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>OG / WH</td>
<td>3024</td>
<td>I</td>
<td>—</td>
<td>Passenger IP Module Stage 1 Low Control</td>
<td>2</td>
<td>—</td>
<td>OG / WH</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Instrument Panel
- Service Connector: Service by Harness
- Description: 1-Way F Coax Type (CU)

**Connector Part Information**

- Harness Type: Passenger Instrument Panel Air Bag
- Service Connector: Service by Harness
- Description: 1-Way M Coax Type

**Table 226  Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>
Table 227  X210 Passenger Instrument Panel Air Bag Jumper Harness to Passenger Instrument Panel Air Bag Harness

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Option</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Coax</td>
<td></td>
<td></td>
<td></td>
<td>(XM + / -HD) Coaxial Antenna XM Signal</td>
<td></td>
<td></td>
<td>Coax</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Connector Part Information
- Harness Type: Instrument Panel
- Service Connector: Service by Harness
- Description: 2-Way F Coax Type

### Connector Part Information
- Harness Type: Passenger Instrument Panel Air Bag
- Service Connector: Service by Harness
- Description: 2-Way M Coax Type

<table>
<thead>
<tr>
<th>Table 230  Terminal Part Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Terminal Type ID</strong></td>
</tr>
<tr>
<td>I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Table 231  X211 Passenger Instrument Panel Air Bag Jumper Harness to Passenger Instrument Panel Air Bag Harness</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Male</strong></td>
</tr>
<tr>
<td><strong>Pin</strong></td>
</tr>
<tr>
<td>1</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: HVAC
- Service Connector: Service by Harness
- Description: 14-Way F 1.5, 2.8 Series (L-GY)
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040279C1
- Description: 14-Way M 1.5, 2.8 Series (L-GY)

Table 234 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041944C1 or 6041990C1</td>
<td>J-35616-2A (GY)</td>
</tr>
<tr>
<td>II</td>
<td>6041912C1</td>
<td>J-35616-3 (GY)</td>
</tr>
</tbody>
</table>

Table 235 X215 HVAC Harness to Instrument Panel Harness

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Not Occupied</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>L-GN</td>
<td>5060</td>
<td>I</td>
<td>Low Speed GMLAN Serial Data</td>
<td>2</td>
<td>0.35</td>
<td>L-GN</td>
<td>5060</td>
<td>II</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>D-GN/YE</td>
<td>7531</td>
<td>I</td>
<td>Local Interconnect Network Serial Data Bus 9</td>
<td>3</td>
<td>0.35</td>
<td>L-GN/YE</td>
<td>7531</td>
<td>II</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>RD/VT</td>
<td>3340</td>
<td>I</td>
<td>Battery Positive Voltage</td>
<td>4</td>
<td>0.5</td>
<td>RD/VT</td>
<td>3340</td>
<td>II</td>
</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>VT/GY</td>
<td>539</td>
<td>I</td>
<td>Run / Crank Ignition 1 Voltage</td>
<td>5</td>
<td>0.5</td>
<td>VT/GY</td>
<td>539</td>
<td>II</td>
</tr>
<tr>
<td>6-8</td>
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<td></td>
<td></td>
<td>Not Occupied</td>
<td>6-8</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Terminal Type ID</td>
<td>Function</td>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Terminal Type ID</td>
</tr>
<tr>
<td>-----</td>
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<td>-----------------</td>
</tr>
<tr>
<td>9</td>
<td>0.35</td>
<td>BK / WH</td>
<td>1851</td>
<td>I</td>
<td>Signal Ground</td>
<td>9</td>
<td>0.35</td>
<td>BK / WH</td>
<td>1851</td>
<td>II</td>
</tr>
<tr>
<td>10</td>
<td>0.35</td>
<td>BK / YE</td>
<td>1791</td>
<td>I</td>
<td>Air Temperature Door Control Low Reference</td>
<td>10</td>
<td>0.35</td>
<td>BK / YE</td>
<td>1791</td>
<td>II</td>
</tr>
<tr>
<td>11</td>
<td>0.35</td>
<td>D-BU / WH</td>
<td>734</td>
<td>I</td>
<td>Inside Air Temperature Sensor Signal</td>
<td>11</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>12</td>
<td>0.35</td>
<td>GY</td>
<td>590</td>
<td>I</td>
<td>Solar Sensor Driver Signal</td>
<td>12</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>13</td>
<td>0.35</td>
<td>YE / VT</td>
<td>1783</td>
<td>I</td>
<td>Twilight Sentinel Delay Signal</td>
<td>13</td>
<td>—</td>
<td>—</td>
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</tr>
<tr>
<td>14</td>
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<td>Not Occupied</td>
<td>14</td>
<td>—</td>
<td>—</td>
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</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: 6040277C1
- Description: 10-Way F YESC Kaizen Series (L-GY)
Connector Part Information

- Harness Type: HVAC
- Service Connector: Service by Harness
- Description: 10-Way M YESC Kaizen Series (L-GY)

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041990C1</td>
<td>J-35616-2A (GY)</td>
</tr>
<tr>
<td>II</td>
<td>6041884C1</td>
<td>J-35616-3 (GY)</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
</tr>
<tr>
<td>-----</td>
<td>------</td>
<td>-------</td>
</tr>
<tr>
<td>1-3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>BN / VT</td>
</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>D-BU / BN</td>
</tr>
<tr>
<td>6</td>
<td>0.5</td>
<td>D-BU / YE</td>
</tr>
<tr>
<td>7-10</td>
<td></td>
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</tr>
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</table>
Connector Part Information

- Harness Type: Body
- Service Connector: 6040273C1
- Description: 2-Way F 56 Series (BK)
**Connector Part Information**

- Harness Type: HVAC
- Service Connector: Service by Harness
- Description: 2-Way M 375 Series (BK)

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041948C1</td>
<td>J-35616-22 (RD)</td>
</tr>
<tr>
<td>II</td>
<td>6041930C1</td>
<td>J-35616-4A (PU)</td>
</tr>
<tr>
<td>III</td>
<td>6041944C1</td>
<td>J-35616-21 (RD)</td>
</tr>
<tr>
<td>IV</td>
<td>Not Available</td>
<td>J-35616-21 (RD)</td>
</tr>
</tbody>
</table>
### Table 243  X217 Body Harness to HVAC Harness

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Option</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4</td>
<td>RD / VT</td>
<td>542</td>
<td>I</td>
<td>—</td>
<td>Battery Positive Voltage</td>
<td>1</td>
<td>4</td>
<td>RD / VT</td>
<td>542</td>
<td>III</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>10</td>
<td>RD / GY</td>
<td>642</td>
<td>II</td>
<td>—</td>
<td>Battery Positive Voltage</td>
<td>2</td>
<td>10</td>
<td>RD / GY</td>
<td>642</td>
<td>IV</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
• Harness Type: Instrument Panel Coax
• Service Connector: Service by Harness
• Description: 2-Way F Coax Type (PU)

Connector Part Information
• Harness Type: Right A-Pillar Coax
• Service Connector: Service by Harness
• Description: 2-Way M Coax Type (VT)

Table 246  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
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</table>

Table 247  X222 Instrument Panel Coax Harness to Right A-Pillar Coax Harness

<table>
<thead>
<tr>
<th>Male</th>
<th>Function</th>
<th>Female</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit Type ID</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>terminal ID</td>
</tr>
<tr>
<td>Coax</td>
<td>II</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>(Cell only) Coaxial Antenna Cell Phone Signal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coax</td>
<td>III</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>(GPS / Cell) Coaxial Antenna Cell / GPS Combined Signal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coax</td>
<td>III</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: 6040240C1
- Description: 42-pin F 1.2, 2.8 Series (GY)
Connector Part Information
- Harness Type: Instrument Panel
- Service Connector: 6040213C1
- Description: 42-pin M 0.64, 2.8 Series (GY)

Table 250 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042056C1</td>
<td>J-35616-4A (PU)</td>
</tr>
<tr>
<td>II</td>
<td>6042055C1</td>
<td>J-35616-4A (PU)</td>
</tr>
<tr>
<td>III</td>
<td>6042054C1</td>
<td>J-35616-16 (LT GN)</td>
</tr>
<tr>
<td>IV</td>
<td>6042054C1</td>
<td>J-35616-4A (PU)</td>
</tr>
<tr>
<td>V</td>
<td>6041952C1</td>
<td>J-35616-5 (PU)</td>
</tr>
<tr>
<td>VI</td>
<td>6041952C1</td>
<td>J-35616-5 (PU)</td>
</tr>
<tr>
<td>VII</td>
<td>6041934C1</td>
<td>J-35616-65B (LT BU)</td>
</tr>
<tr>
<td>VIII</td>
<td>6041970C1</td>
<td>J-35616-65B (LT BU)</td>
</tr>
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</table>
### Table 251  X225 Body Harness to Instrument Panel Harness

<table>
<thead>
<tr>
<th>Male</th>
<th></th>
<th></th>
<th></th>
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<th>Female</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Terminal Type ID</td>
<td>Function</td>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
</tr>
<tr>
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<td>—</td>
<td>—</td>
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<td>Not Occupied</td>
<td>1</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>1.5</td>
<td>BK</td>
<td>1850</td>
<td>IV</td>
<td>Ground</td>
<td>2</td>
<td>0.75</td>
<td>BK</td>
<td>1850</td>
</tr>
<tr>
<td>3</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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<td>—</td>
<td>—</td>
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</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>WH / BN</td>
<td>6815</td>
<td>III</td>
<td>Inadvertent Power Control</td>
<td>4</td>
<td>0.5</td>
<td>WH / BN</td>
<td>6815</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>GY / WH</td>
<td>3272</td>
<td>III</td>
<td>Remote Function Actuator Control</td>
<td>5</td>
<td>0.35</td>
<td>GY / WH</td>
<td>3272</td>
</tr>
<tr>
<td>6</td>
<td>0.35</td>
<td>D-BU / WH</td>
<td>3275</td>
<td>III</td>
<td>Remote Function Actuator Receive Signal</td>
<td>6</td>
<td>0.35</td>
<td>D-BU / WH</td>
<td>3275</td>
</tr>
<tr>
<td>7</td>
<td>0.35</td>
<td>L-GN / BN</td>
<td>507</td>
<td>III</td>
<td>Wait To Start Indicator Control</td>
<td>7</td>
<td>0.35</td>
<td>L-GN / BN</td>
<td>507</td>
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<tr>
<td>8</td>
<td>0.5</td>
<td>GY / VT</td>
<td>3998</td>
<td>III</td>
<td>MOST Serial Data (+)</td>
<td>8</td>
<td>0.5</td>
<td>GY / VT</td>
<td>3998</td>
</tr>
<tr>
<td>9</td>
<td>0.35</td>
<td>YE</td>
<td>321</td>
<td>III</td>
<td>Leveling Suspension Relay Coil Low Reference</td>
<td>9</td>
<td>0.35</td>
<td>YE</td>
<td>321</td>
</tr>
<tr>
<td>10</td>
<td>0.5</td>
<td>L-GN</td>
<td>10138</td>
<td>III</td>
<td>Left / Rear Air Spring Solenoid Control</td>
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<td>0.5</td>
<td>L-GN</td>
<td>10138</td>
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<td>0.5</td>
<td>WH / L-GN</td>
<td>3997</td>
<td>III</td>
<td>MOST Serial Data (-)</td>
<td>11</td>
<td>0.5</td>
<td>WH / L-GN</td>
<td>3997</td>
</tr>
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<td>12</td>
<td>0.5</td>
<td>BN / D-BU</td>
<td>118</td>
<td>III</td>
<td>Left Front Speaker Signal (-) 1</td>
<td>12</td>
<td>0.5</td>
<td>BN / D-BU</td>
<td>118</td>
</tr>
<tr>
<td>13</td>
<td>0.5</td>
<td>WH / L-GN</td>
<td>320</td>
<td>III</td>
<td>Automatic Level Control Exhaust Solenoid Control</td>
<td>13</td>
<td>0.5</td>
<td>WH / L-GN</td>
<td>320</td>
</tr>
<tr>
<td>14</td>
<td>0.5</td>
<td>L-GN</td>
<td>199</td>
<td>III</td>
<td>Left Rear Speaker Control (+)</td>
<td>14</td>
<td>0.5</td>
<td>L-GN</td>
<td>199</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Terminal Type ID</td>
<td>Function</td>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
</tr>
<tr>
<td>-----</td>
<td>------</td>
<td>--------</td>
<td>---------</td>
<td>-----------------</td>
<td>-----------------------------------------------</td>
<td>-----</td>
<td>------</td>
<td>--------</td>
<td>---------</td>
</tr>
<tr>
<td>15</td>
<td>0.5</td>
<td>BN / L-GN</td>
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<td>BK</td>
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<td>WH / L-GN</td>
<td>3997</td>
<td>III</td>
<td>MOST Serial Data (-)</td>
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<td>0.5</td>
<td>WH / L-GN</td>
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<td>Power Take-off Control Switch</td>
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<td>L-GN / WH</td>
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### Table 251  X225 Body Harness to Instrument Panel Harness (cont.)

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<th>Female Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
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<td>Power Take-off Enable In Cab Switch Normally Closed Signal</td>
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<td>GY / VT</td>
<td>3998</td>
<td>III</td>
<td>MOST Serial Data (+)</td>
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<td>GY / VT</td>
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<td>III</td>
<td>Left Front Speaker Control (+) 1</td>
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<td>VIII</td>
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<td>0.5</td>
<td>L-GN / YE</td>
<td>2081</td>
<td>VIII</td>
</tr>
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<td>37</td>
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<td>VT / YE</td>
<td>43</td>
<td>III</td>
<td>Accessory Ignition Voltage</td>
<td>37</td>
<td>0.35</td>
<td>VT / YE</td>
<td>43</td>
<td>VII</td>
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<td>III</td>
<td>Local Interconnect Network Serial Data Bus 4</td>
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<td>L-GN / GY</td>
<td>6135</td>
<td>VIII</td>
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<td>201</td>
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<td>Left Front Speaker Control (+) 1</td>
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Connector Part Information

- Instrument Panel
- Service Connector: Service by Harness
- Description: 2-Way F 150 Metri-Pack Series (BK)
Connector Part Information

- Instrument Panel
- Service Connector: 6040210C1
- Description: 2-Way M 150 Metri-Pack Series (BK)

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### Table 255  X250 Instrument Panel Harness to Instrument Panel Harness (0008RNM)

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<td>—</td>
<td>B</td>
<td>0.35</td>
<td>BK / GY</td>
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<td>Cellular Telephone Microphone Low Reference</td>
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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040259C1
- Description: 42-Way F 1.2, 2.8 Series (YE)
Connector Part Information

- Harness Type: Body
- Service Connector: 6040224C1
- Description: 42-pin M 0.64, 2.8 Series (YE)

Table 258  Terminal Part Information

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<td>J-35616-4A (PU)</td>
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<td>J-35616-4A (PU)</td>
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<td>J-35616-16 (LT GN)</td>
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<td>6042054C1</td>
<td>J-35616-4A (PU)</td>
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<td>XII 6041891C1</td>
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### Table 259  X275 Instrument Panel Harness to Body Harness

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### Table 259  X275 Instrument Panel Harness to Body Harness (cont.)

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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040240C1
- Description: 42-Way F 1.2, 2.8 Series (GY)
**Connector Part Information**

- Harness Type: Floor Console
- Service Connector: Service by Harness
- Description: 42-pin M 0.64, 2.8 Series (GY)

### Table 262  Terminal Part Information

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Table 263  X300 Instrument Panel Harness to Floor Console Harness (0016XCN)

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<td>1050</td>
<td>IV</td>
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<td>Ground</td>
<td>23</td>
<td>2.5</td>
<td>BK</td>
<td>1050</td>
<td>V</td>
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## Table 263  X300 Instrument Panel Harness to Floor Console Harness (0016XCN) (cont.)

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<th>Male Color</th>
<th>Male Circuit</th>
<th>Male Terminal Type ID</th>
<th>Male Option</th>
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<th>Female Size</th>
<th>Female Color</th>
<th>Female Circuit</th>
<th>Female Terminal Type ID</th>
<th>Female Option</th>
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<td>RD / VT</td>
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<td>VI</td>
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<td>WH / BN</td>
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<td>WH / BN</td>
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<td>0.35</td>
<td>GY</td>
<td>5839</td>
<td>VI</td>
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<td>RD / VT</td>
<td>340</td>
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</table>
Connector Part Information

- Harness Type: Body USB
- Service Connector: Service by Harness
- Description: 5-Way F 2.0 Mini-B USB Type (GY)
Connector Part Information

- Instrumental Panel USB
- Service Connector: Service by Harness
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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<th>Diagnostic Test Probe</th>
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Table 267  X301 Body USB Harness to Instrumental Panel USB Harness (-D07)

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<td>Pin</td>
<td>Size</td>
</tr>
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<td>-</td>
<td>-</td>
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</tbody>
</table>
Connector Part Information

- Harness Type: Wireless Charger
- Service Connector: Service by Harness
- Description: 3-Way F 1.5 Kaizen Series (L-GY)
Connector Part Information

- Harness Type: Floor Console
- Service Connector: Service by Harness
- Description: 3-Way M 1.5 YESC Kaizen Series (L-GY)

Table 270  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>6041944C1 or 6041943C1</td>
<td>J-35616-2A (GY)</td>
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<tr>
<td>II</td>
<td>6041999C1 or 6042000C1</td>
<td>J-35616-3 (GY)</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
</tr>
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<td>-----</td>
<td>------</td>
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</tr>
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<td>1</td>
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<td>VT/YE</td>
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<td>0.35</td>
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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040285C1
- Description: 12-Way F YESC Kaizen Series (L-GY)
Connector Part Information
- Harness Type: Headliner
- Service Connector: 6040281C1
- Description: 12-pin M 1.5 Series (L-GY)

Table 274  Terminal Part Information

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<th>Terminal Type ID</th>
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<td>J-35616-2A (GY)</td>
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<td>II</td>
<td>6041999C1 0.35mm-0.5mm</td>
<td>J-35616-3 (GY)</td>
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<td></td>
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<td>Color</td>
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<td>6–8</td>
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<tr>
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**Connector Part Information**
- Harness Type: Rear Window Defog – Positive
- Service Connector: Service by Harness
- Description: 1-pin F
Connector Part Information
- Harness Type: Body
- Service Connector: 6040262C1
- Description: 1-pin M 6.3 Series (BK)

Table 278 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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Table 279 X307 Rear Window Defogger – Positive Harness to Body Harness (Feature Code: 0008AAB)

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<td>293</td>
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Connector Part Information
- Harness Type: Floor Console USB
- Service Connector: 6041821C1
- Description: 5-Way F 2.0 Mini-B USB Type (BN)
Connector Part Information

- Harness Type: Instrumental Panel USB
- Service Connector: 6040262C1
- Description: 5-Way M 2.0 Mini-B USB Type (BN)

Table 282 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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Table 283 X309 Floor Console USB Harness to Instrumental Panel USB Harness (D07)

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<tr>
<td>Option</td>
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Connector Part Information

- Harness Type: Driver Seat Cushion
- Service Connector: Service by Harness
- Description: 48-Way F 1.5 MCP, 2.8 JPT, 6.3 MCP Series, Sealed (YE)
Connector Part Information

- Harness Type: Body
- Service Connector: 6040238C1
- Description: 48-pin M 1.6, 2.8, 5.8 Series, Sealed (BK)

Table 286  Terminal Part Information

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<th>Terminal Type ID</th>
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Table 287  X310 Driver Seat Cushion Harness to Body Harness (Without Feature Code: 0016KVV / 0016KVU)

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<th>Terminal Type ID</th>
<th>Option</th>
<th>Male Function</th>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Option</th>
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### Table 287  X310 Driver Seat Cushion Harness to Body Harness (Without Feature Code: 0016KVV / 0016KVU) (cont.)

<table>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Option</th>
<th>Function</th>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
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<td>Ground</td>
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<td>BK</td>
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<td>VIII</td>
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Table 287  X310 Driver Seat Cushion Harness to Body Harness (Without Feature Code: 0016KVV / 0016KVU) (cont.)

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Table 287  X310 Driver Seat Cushion Harness to Body Harness (Without Feature Code: 0016KVV / 0016KVU) (cont.)

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Connector Part Information

- Harness Type: Driver Seat Cushion
- Service Connector: Service by Harness
- Description: 48-pin F 1.5 MCP, 2.8 JPT, 6.3 MCP Series, Sealed (YE)
Connector Part Information

- Harness Type: Body
- Service Connector: 6040238C1
- Description: 48-pin M 1.6, 2.8, 5.8 Series, Sealed (BK)

Table 290  Terminal Part Information

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Table 291  X310 Driver Seat Cushion Harness to Body Harness ((Feature Code: 0016KVV / 0016KVU) and 0016XJR)

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Connector Part Information

- Harness Type: Driver Seat Cushion
- Service Connector: Service by Harness
- Description: 48-pin F 1.5 MCP, 2.8 JPT, 6.3 MCP Series, Sealed (YE)
**Connector Part Information**

- Harness Type: Body
- Service Connector: 6040238C1
- Description: 48-pin M 1.6, 2.8, 5.8 Series, Sealed (BK)

**Table 294 Terminal Part Information**

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### Table 295  X310 Driver Seat Cushion Harness to Body Harness (Feature Code: 0016KVV / 0016KVU) without 0016XJR

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<td>Color</td>
<td>Circuit</td>
<td>Terminal Type ID</td>
</tr>
<tr>
<td>-----</td>
<td>------</td>
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<td>---------</td>
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</tr>
<tr>
<td>33</td>
<td>0.5</td>
<td>OG / L-BU</td>
<td>3068</td>
<td>—</td>
<td>Driver Side Impact Module High Control</td>
<td>33</td>
<td>0.35</td>
<td>OG / D-BU</td>
<td>3068</td>
<td>III</td>
</tr>
<tr>
<td>34–35</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>34–35</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>36</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Driver Heated Back Element Control</td>
<td>36</td>
<td>0.75</td>
<td>BN</td>
<td>2432</td>
<td>V</td>
</tr>
<tr>
<td>37</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Driver Heated Seat Element Control</td>
<td>37</td>
<td>0.75</td>
<td>BN / VT</td>
<td>2077</td>
<td>V</td>
</tr>
<tr>
<td>38–48</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>38–48</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Back
- Service Connector: Service by Harness
- Description: 6-Way F YESC Kaizen Series (L-GY)
### Connector Part Information

- Harness Type: Driver Seat Cushion
- Service Connector: Service by Harness
- Description: 6-pin M YESC Kaizen Series (L-GY)

### Table 298  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042070C1</td>
<td>J-35616-35 (VT)</td>
</tr>
<tr>
<td>II</td>
<td>6042070C1 or 6042071C1</td>
<td>J-35616-4A (PU)</td>
</tr>
<tr>
<td>III</td>
<td>6042067C1</td>
<td>J-35616-5 (PU)</td>
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### Table 299  X311 Driver Seat Back Harness to Driver Seat Cushion Harness (Feature Code: 0016KVV / 0016KVU)

<table>
<thead>
<tr>
<th>Male Pin</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>WH / BK</td>
<td>570</td>
<td>I</td>
<td>Driver Memory Seat Recline Motor Position Sensor Signal</td>
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</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>WH / RD</td>
<td>3298</td>
<td>I</td>
<td>Memory Sensor High Reference</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>1.5</td>
<td>L-BU</td>
<td>611</td>
<td>I</td>
<td>Driver Power Seat Lumbar Motor Forward Control</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>1.5</td>
<td>VT</td>
<td>610</td>
<td>II</td>
<td>Driver Power Seat Lumbar Motor Rearward Control</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>1.5</td>
<td>L-GN / YE</td>
<td>276</td>
<td>II</td>
<td>Driver Power Seat Recline Motor Forward Control</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>1.5</td>
<td>L-BU / YE</td>
<td>277</td>
<td>II</td>
<td>Driver Power Seat Recline Motor Rearward Control</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Female Pin</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>1.5</td>
<td>YE / L-BU</td>
<td>767</td>
<td>III</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>1.5</td>
<td>YE / BN</td>
<td>768</td>
<td>III</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>1.5</td>
<td>L-BU</td>
<td>611</td>
<td>II</td>
</tr>
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<td>4</td>
<td>4</td>
<td>1.5</td>
<td>VT</td>
<td>610</td>
<td>III</td>
</tr>
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<td>5</td>
<td>5</td>
<td>1.5</td>
<td>L-GN / YE</td>
<td>276</td>
<td>III</td>
</tr>
<tr>
<td>6</td>
<td>6</td>
<td>1.5</td>
<td>L-BU / YE</td>
<td>277</td>
<td>III</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Back
- Service Connector: Service by Harness
- Description: 16-pin F 150 MX Series, Sealed (YE)
**Connector Part Information**

- Harness Type: Driver Seat Cushion
- Service Connector: Service by Harness
- Description: 16-pin M 150 MX Series, Sealed (YE)

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042060C1</td>
<td>J-35616-14 (GN)</td>
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<tr>
<td>II</td>
<td>6042066C1</td>
<td>J-35616–2A (GY)</td>
</tr>
<tr>
<td>III</td>
<td>3850120C1 or 6042059C1 or 6042062C1</td>
<td>J-35616-3 (GY)</td>
</tr>
</tbody>
</table>
Table 303  X312 Driver Seat Back Harness to Driver Seat Cushion Harness (0016XJR)

<table>
<thead>
<tr>
<th>Male</th>
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<th></th>
<th></th>
<th></th>
<th>Female</th>
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<th></th>
<th></th>
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<tbody>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit Type ID</td>
<td>Option</td>
<td>Function</td>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
</tr>
<tr>
<td>1</td>
<td>0.5</td>
<td>OG / L-BU</td>
<td>3068</td>
<td>I</td>
<td>—</td>
<td>Driver Side Impact Module High Control</td>
<td>1</td>
<td>0.5</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>L-GN / OG</td>
<td>3069</td>
<td>I</td>
<td>—</td>
<td>Driver Side Impact Module Low Control</td>
<td>2</td>
<td>0.5</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>VT</td>
<td>4106</td>
<td>I</td>
<td>—</td>
<td>Center Side Impact Module Low Control</td>
<td>3</td>
<td>0.5</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>BN / WH</td>
<td>4107</td>
<td>I</td>
<td>—</td>
<td>Center Side Impact Module High Control</td>
<td>4</td>
<td>0.5</td>
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<tr>
<td>5</td>
<td>0.75</td>
<td>BK</td>
<td>1150</td>
<td>II</td>
<td>—</td>
<td>Ground</td>
<td>5</td>
<td>0.75</td>
</tr>
<tr>
<td>6</td>
<td>0.75</td>
<td>BN</td>
<td>2432</td>
<td>II</td>
<td>—</td>
<td>Driver Heated Back Element Control</td>
<td>6</td>
<td>0.75</td>
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<tr>
<td>7</td>
<td>0.35</td>
<td>L-GN / VT</td>
<td>5906</td>
<td>I</td>
<td>—</td>
<td>Driver Seat Vent Motor Control 1</td>
<td>7</td>
<td>0.35</td>
</tr>
<tr>
<td>8</td>
<td>0.5</td>
<td>BK / YE</td>
<td>2080</td>
<td>I</td>
<td>—</td>
<td>Driver Heated Seat NTC Low Reference</td>
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<td>0.5</td>
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<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Terminal Type ID</td>
<td>Option</td>
<td>Function</td>
<td>Pin</td>
<td>Size</td>
</tr>
<tr>
<td>-----</td>
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<td>-----------------</td>
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<td>-----------------------------------------------</td>
<td>-----</td>
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</tr>
<tr>
<td>9</td>
<td>0.75</td>
<td>BN / BK</td>
<td>2078</td>
<td>II</td>
<td>—</td>
<td>Driver Heated Seat Element Low Reference</td>
<td>9</td>
<td>0.75</td>
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<tr>
<td>10</td>
<td>0.5</td>
<td>L-BU</td>
<td>2425</td>
<td>I</td>
<td>—</td>
<td>Driver Heated Back NTC Signal</td>
<td>10</td>
<td>0.5</td>
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<tr>
<td>11</td>
<td>0.75</td>
<td>RD / L-GN</td>
<td>5140</td>
<td>II</td>
<td>—</td>
<td>Battery Positive Voltage</td>
<td>11</td>
<td>0.75</td>
</tr>
<tr>
<td>12</td>
<td>0.35</td>
<td>WH / BK</td>
<td>570</td>
<td>I</td>
<td>—</td>
<td>Driver Memory Seat Recline Motor Position Sensor Signal</td>
<td>12</td>
<td>0.5</td>
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<tr>
<td>13</td>
<td>0.35</td>
<td>WH / RD</td>
<td>3298</td>
<td>I</td>
<td>—</td>
<td>Memory Sensor High Reference 2</td>
<td>13</td>
<td>0.35</td>
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<tr>
<td>14-16</td>
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<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>14-16</td>
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</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Back
- Service Connector: Service by Harness
- Description: 2-Way F 1.5 Series, Sealed (YE)
Connector Part Information

- Harness Type: Driver Seat Cushion
- Service Connector: Service by Harness
- Description: 2-Way M 1.5 MX Series, Sealed (YE)

Table 306  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-14 (GN)</td>
</tr>
<tr>
<td>II</td>
<td>Not Available</td>
<td>J-35616-3 (GY)</td>
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### Table 307  X312 Driver Seat Back Harness to Driver Seat Cushion Harness (Without: 0016XJR)

<table>
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<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Option</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>OG / L-BU</td>
<td>3068</td>
<td>I</td>
<td>—</td>
<td>Driver Side Impact Module High Control</td>
<td>1</td>
<td>0.5</td>
<td>OG / L-BU</td>
<td>3068</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>L-GN / OG</td>
<td>3069</td>
<td>I</td>
<td>—</td>
<td>Driver Side Impact Module Low Control</td>
<td>2</td>
<td>0.5</td>
<td>L-GN / OG</td>
<td>3069</td>
<td>II</td>
<td>—</td>
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</tbody>
</table>
Connector Part Information

- Harness Type: Floor Console USB
- Service Connector: Service by Harness
- Description: 5-Way F 2.0 Mini-B USB Type, Sealed (BK)
Connector Part Information

- Harness Type: Instrumental Panel USB
- OEM Connector: Service by Harness
- Description: 5-Way M 2.0 Mini-B USB Type, Sealed (BK)

Table 310  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tr>
<td>I</td>
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Table 311  X313 Body USB Harness to Center Seat USB Harness (-0016XCN)

<table>
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<th>Male</th>
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</thead>
<tbody>
<tr>
<td>Pin</td>
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<td>Color</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>USB</td>
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</tbody>
</table>
Connector Part Information

- Harness Type: Center Seat
- Service Connector: Service by Harness
- Description: 16-pin F 1.5, 2.8 Series, Sealed (BK)
**Table 314  Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>3686943C1 or 6042065C1</td>
<td>J-35616-2A (GY)</td>
</tr>
<tr>
<td>II</td>
<td>6042069C1</td>
<td>J-35616-4A (PU)</td>
</tr>
<tr>
<td>III</td>
<td>6041883C1</td>
<td>J-35616-3 (GY)</td>
</tr>
<tr>
<td>IV</td>
<td>6041936C1</td>
<td>J-35616-35 (VT)</td>
</tr>
</tbody>
</table>

**Connector Part Information**

- Harness Type: Body
- Service Connector: 6040257C1
- Description: 16-pin M 1.5, 2.8 Series, Sealed (BK)
### Table 315  X314 Center Seat Harness to Body Harness (Without Feature Code: 0016XCN)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td>VT / YE</td>
<td>143</td>
<td>II</td>
<td>Accessory Ignition Voltage</td>
<td>1.5</td>
<td>VT / YE</td>
<td>143</td>
<td>II</td>
<td>Accessory Ignition Voltage</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>BK</td>
<td>5842</td>
<td>I</td>
<td>Auxiliary Audio Screen 2</td>
<td>0.5</td>
<td>BK</td>
<td>5842</td>
<td>I</td>
<td>Auxiliary Audio Screen 2</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>GY</td>
<td>5839</td>
<td>I</td>
<td>Left Auxiliary Audio Signal 2</td>
<td>0.5</td>
<td>GY</td>
<td>5839</td>
<td>I</td>
<td>Left Auxiliary Audio Signal 2</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>L-BU</td>
<td>2060</td>
<td>I</td>
<td>Auxiliary Detection Signal</td>
<td>0.5</td>
<td>D-BU</td>
<td>2060</td>
<td>I</td>
<td>Auxiliary Detection Signal</td>
</tr>
<tr>
<td>6</td>
<td>0.35</td>
<td>BK</td>
<td>2550</td>
<td>I</td>
<td>Ground</td>
<td>0.75</td>
<td>BK</td>
<td>2550</td>
<td>I</td>
<td>Ground</td>
</tr>
<tr>
<td>7</td>
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<td>II</td>
<td>Ground</td>
<td>1.5</td>
<td>BK</td>
<td>1250</td>
<td>II</td>
<td>Ground</td>
</tr>
<tr>
<td>9</td>
<td>1.5</td>
<td>VT / YE</td>
<td>243</td>
<td>II</td>
<td>Accessory Ignition Voltage</td>
<td>1.5</td>
<td>VT / YE</td>
<td>243</td>
<td>II</td>
<td>Accessory Ignition Voltage</td>
</tr>
<tr>
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<td>10</td>
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<td>—</td>
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</tr>
<tr>
<td>11</td>
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<td>L-GN</td>
<td>5841</td>
<td>I</td>
<td>Right Auxiliary Audio Signal 2</td>
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<td>L-GN</td>
<td>5841</td>
<td>I</td>
<td>Right Auxiliary Audio Signal 2</td>
</tr>
<tr>
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<td>5843</td>
<td>I</td>
<td>Auxiliary Audio Common Signal</td>
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<td>VT</td>
<td>5843</td>
<td>I</td>
<td>Auxiliary Audio Common Signal</td>
</tr>
<tr>
<td>13</td>
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<td>—</td>
<td>—</td>
</tr>
<tr>
<td>14</td>
<td>0.75</td>
<td>RD / VT</td>
<td>340</td>
<td>I</td>
<td>Battery Positive Voltage</td>
<td>0.75</td>
<td>RD / VT</td>
<td>340</td>
<td>I</td>
<td>Battery Positive Voltage</td>
</tr>
<tr>
<td>15</td>
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<td>—</td>
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<td>BK</td>
<td>1250</td>
<td>II</td>
<td>Ground</td>
<td>1.5</td>
<td>BK</td>
<td>1250</td>
<td>II</td>
<td>Ground</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: 6040223C1
- Description: 16-pin F 1.5 Kaizen Series (GN)
Connector Part Information
- Harness Type: Brake Clutch
- Service Connector: Service by Harness
- Description: 16-pin M 1.5 Kaizen Series (GN)

Table 318  Terminal Part Information

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<td>J-35616-3 (GY)</td>
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Table 319  X315 Body Harness to Brake Clutch Harness (cont.)

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Connector Part Information

- Harness Type: Headliner
- Service Connector: 6040221C1
- Description: 26-Way F 1.5, 2.8, 6.3 Series (BK)
Connector Part Information

- Harness Type: Overhead Console
- Service Connector: Service by Harness
- Description: 26-Way M 1.5, 2.8, 6.3 YESC Series (BK)

Table 322  Terminal Part Information

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<td>6041982C1, 6041999C1</td>
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<td>6041966C1</td>
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<td>BK</td>
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Connector Part Information

- Harness Type: Headliner
- Service Connector: 6040296C1
- Description: 3-Way F 1.5 Kaizen Series (L-GY)
Connector Part Information

- Harness Type: Center High Mounted Stop Lamp
- Service Connector: Service by Harness
- Description: 3-pin M

Table 326  Terminal Part Information

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Table 327 X317 Headliner Harness to Center High Mounted Stop Lamp Harness

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<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Option</th>
<th>Function</th>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
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<th>Option</th>
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Connector Part Information

- Harness Type: Overhead Console
- Service Connector: Service by Harness
- Description: 2-pin F YESC Kaizen Series (L-GY)
Connector Part Information

- Harness Type: Right A-Pillar
- Service Connector: Service by Harness
- Description: 2-pin M YESC Kaizen Series (L-GY)

**Table 330 Terminal Part Information**

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<thead>
<tr>
<th>Terminal Type ID</th>
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**Table 331 X319 Overhead Console Harness to Right A-Pillar Harness (Feature Code: 0008XKS)**

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Connector Part Information

- Harness Type: Passenger Seat Cushion
- Service Connector: Service by Harness
- Description: 48-pin F 1.5 MCP, 2.8 JPT, 6.3 MCP Series, Sealed (YE)
Connector Part Information

- Harness Type: Body
- Service Connector: 6040238C1
- Description: 48-pin M 1.6, 2.8, 5.8 Series, Sealed (BK)

Table 334 Terminal Part Information

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Table 335  X320 Passenger Seat Cushion Harness to Body Harness (Feature Code: 0016KVV / AG2 / 0016XJR)

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<td>L-BU / RD</td>
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### Table 335  X320 Passenger Seat Cushion Harness to Body Harness (Feature Code: 0016KVV / AG2 / 0016XJR) (cont.)

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Connector Part Information

- Harness Type: Passenger Seat Back
- Service Connector: Service by Harness
- Description: 6-Way F YESC Kaizen Series (L-GY)
Connector Part Information

- Harness Type: Passenger Seat Cushion
- Service Connector: Service by Harness
- Description: 6-pin M YESC Kaizen Series (L-GY)

### Table 338 Terminal Part Information

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Table 339  X321 Passenger Seat Back Harness to Passenger Seat Cushion Harness (Feature Code: 0016KVV / AG2)

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Connector Part Information

- Harness Type: Passenger Seat Back
- Service Connector: Service by Harness
- Description: 12-Way F 150 MX Series, Sealed (YE)
Connector Part Information

- Harness Type: Passenger Seat Cushion
- Service Connector: Service by Harness
- Description: 12-Way M 150 MX Series, Sealed (YE)

Table 342  Terminal Part Information

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Table 343  X322 Passenger Seat Back Harness to Passenger Seat Cushion Harness (0016XJR)

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626
Connector Part Information
- Harness Type: Passenger Seat Back
- Service Connector: Service by Harness
- Description: 2-Way F 1.5 Series, Sealed (YE)
Connector Part Information

- Harness Type: Passenger Seat Cushion
- Service Connector: Service by Harness
- Description: 2-Way M 1.5 MX Series, Sealed (YE)

**Table 346  Terminal Part Information**

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Table 347  X322 Passenger Seat Back Harness to Passenger Seat Cushion Harness (0016XJR)

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<td>I</td>
<td>—</td>
<td>Passenger Side Impact Module Low Control</td>
<td>2</td>
<td>0.5</td>
<td>BN/OG</td>
<td>3067</td>
<td>II</td>
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Connector Part Information

- Harness Type: Chassis
- Service Connector: 3537133C1
- Description: 1-pin F 312 Series (GY)
Connector Part Information
- Harness Type: Battery Feed
- Service Connector: Service by Harness
- Description: 1-pin M

Table 350  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>3700153C1</td>
<td>J-35616-4A (PU)</td>
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<td>J-35616-5 (PU)</td>
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Table 351  X330 Chassis Harness to Battery Feed Harness (Feature Code: 0008MVZ / 0008MWA)

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<td>Pin</td>
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<td>A</td>
<td>6</td>
<td>RD</td>
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Connector Part Information

- Harness Type: Body
- OEM Connector: Not Available
- Description: 2-Way F 1.2 MCON-CB Series, Sealed (BK)
Connector Part Information

- Harness Type: Roof Rail Air Bag - Left
- OEM Connector: Not Available.
- Service Connector: Service by Harness
- Description: 2-Way M

Table 354  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>1661875C1</td>
<td>J-35616-16 (LT GN)</td>
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<td>II</td>
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Table 355  X380 Chassis Harness to Battery Feed Harness (Feature Code: 0008MVZ / 0008MWA)

<table>
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<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Option</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Option</th>
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<tbody>
<tr>
<td>1</td>
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<td>OG / L-GN</td>
<td>5019</td>
<td>I</td>
<td>—</td>
<td>Left Front Head Curtain Module High Control</td>
<td>1</td>
<td>0.35</td>
<td>OG / L-GN</td>
<td>5019</td>
<td>II</td>
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</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>VT / OG</td>
<td>5020</td>
<td>I</td>
<td>—</td>
<td>Left Front Head Curtain Module Low Control</td>
<td>2</td>
<td>0.35</td>
<td>VT / OG</td>
<td>5020</td>
<td>II</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- OEM Connector: Not Available
- Description: 2-Way F 1.2 MCON-CB Series, Sealed (BK)
Connector Part Information

- Harness Type: Roof Rail Air Bag - Left
- OEM Connector: Not Available.
- Service Connector: Service by Harness
- Description: 2-Way M

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<thead>
<tr>
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<tbody>
<tr>
<td>I</td>
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<td>J-35616-16 (LT GN)</td>
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Table 358 Terminal Part Information

<table>
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<tbody>
<tr>
<td>I</td>
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<td>J-35616-16 (LT GN)</td>
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Table 359 X390 Body Harness to Roof Rail Air Bag - Right Harness

Male

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<th>Terminal Type ID</th>
<th>Option</th>
<th>Function</th>
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<td>0.35</td>
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<td>I</td>
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<td>Right Front Head Curtain Module High Control</td>
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Female

<table>
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<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Option</th>
<th>Function</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>OG / L-GN</td>
<td>5021</td>
<td>II</td>
<td>—</td>
<td>Right Front Head Curtain Module Low Control</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>VT / OG</td>
<td>5022</td>
<td>II</td>
<td>—</td>
<td>Right Front Head Curtain Module Low Control</td>
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</tbody>
</table>
Connector Part Information

- Harness Type: Chassis Rear Left
- OEM Connector: 3573078C1
- Description: 14-pin F 2.8 APEX Series, Sealed (BK)
Connector Part Information

- Harness Type: Chassis
- Service Connector: 3618231C1
- Description: 14-pin M 2.8 APEX Series, Sealed (BK)

Table 362 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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Table 363 X401 Chassis Rear Left Harness to Chassis Harness

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<th>Function</th>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
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<td>GN/WH</td>
<td>24</td>
<td>I</td>
<td>Backup Lamp Control</td>
<td>1</td>
<td>2</td>
<td>GN/WH</td>
<td>24</td>
<td>II</td>
</tr>
<tr>
<td>2</td>
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<td>YE/BU</td>
<td>18</td>
<td>I</td>
<td>Left Rear Stop/Turn Lamp Control</td>
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<td>1</td>
<td>YE/BU</td>
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### Table 363  X401 Chassis Rear Left Harness to Chassis Harness (cont.)

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<tr>
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<td>9</td>
<td>2.5</td>
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<tr>
<td>10</td>
<td>2.5</td>
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<tr>
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<td>2.5</td>
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<tr>
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Connector Part Information

- Harness Type: Chassis Rear Right
- Service Connector: 3857801C1
- Description: 24-pin F 1.5, 2.8 APEX Series, Sealed (BK)
Connector Part Information

- Harness Type: Chassis
- Service Connector: 3920649C1
- Description: 24-pin M 1.5, 2.8 APEX Series, Sealed (BK)

Table 366  Terminal Part Information

<table>
<thead>
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<td>BN/GN</td>
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<td>—</td>
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<td>1.5</td>
<td>WH / BN</td>
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<td>Not Occupied</td>
<td>Included</td>
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<tr>
<td>23</td>
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<td>GY / BN</td>
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<td>Right Park Lamp Control</td>
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<td>BK</td>
<td>2150</td>
<td>I</td>
<td>—</td>
<td>Ground</td>
<td>24</td>
<td>2</td>
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</table>
Connector Part Information

- Harness Type: Chassis
- Service Connector: 3618231C1
- Description: 14-Way M 2.8 APEX Series, Sealed (BK)
Connector Part Information

- Harness Type: Body Builder Connection
- Service Connector: Not Available
- Description: 14-Way F

Table 370 Terminal Part Information

<table>
<thead>
<tr>
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Table 371 X405 Chassis Harness to Body Builder Connection Harness (Feature Code: 0008HXV)

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<td>BK</td>
<td>618-G</td>
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<td>GN/WH</td>
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<td>2</td>
<td>YE/BN</td>
<td>618</td>
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<td>2</td>
<td>VT/GY</td>
<td>709</td>
</tr>
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<td>9</td>
<td>2</td>
<td>GY/BN</td>
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### Table 371  X405 Chassis Harness to Body Builder Connection Harness (Feature Code: 0008HXV) (cont.)

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<th>Option</th>
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<td>—</td>
<td>Left Rear Stop / Turn Lamp Control</td>
<td>12</td>
<td>1</td>
<td>YE/BU</td>
<td>18</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>YE/BU</td>
<td>18</td>
<td>I</td>
<td>—</td>
<td>Left Rear Stop / Turn Lamp Control</td>
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<td>2</td>
<td>YE/BU</td>
<td>18</td>
<td>II</td>
<td>—</td>
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<tr>
<td>13</td>
<td>1</td>
<td>BN/GN</td>
<td>19</td>
<td>I</td>
<td>—</td>
<td>Right Rear Stop / Turn Lamp Control</td>
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<td>1</td>
<td>BN/GN</td>
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<td>—</td>
</tr>
<tr>
<td>14</td>
<td>2</td>
<td>RD/YE</td>
<td>1142</td>
<td>I</td>
<td>—</td>
<td>Battery Positive Voltage</td>
<td>14</td>
<td>2</td>
<td>RD/YE</td>
<td>1142</td>
<td>II</td>
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<td></td>
<td></td>
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<td>Battery Positive Voltage</td>
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Connector Part Information

- Harness Type: Chassis Rear Left
- Service Connector: 1661375C2
- Description: 4-pin F 280 Metri-Pack Series, Sealed
Connector Part Information

- Harness Type: Left Outside Stop, Tail and Turn Lamp
- Service Connector: Service by Harness
- Description: 4-pin M

Table 374  Terminal Part Information

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Table 375  X410 Chassis Rear Left Harness to Tail Lamp Assembly - Left Harness

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<th>Function</th>
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<th>Size</th>
<th>Color</th>
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<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
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<td>GN/WH</td>
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<td>—</td>
<td>Backup Lamp Control</td>
<td>A</td>
<td>2</td>
<td>GN/WH</td>
<td>24</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>2</td>
<td>YE/BU</td>
<td>18</td>
<td>I</td>
<td>—</td>
<td>Left Rear Stop / Turn Lamp Control</td>
<td>B</td>
<td>2</td>
<td>YE/BU</td>
<td>18</td>
<td>II</td>
<td>—</td>
</tr>
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<tr>
<td>D</td>
<td>2</td>
<td>VT/GY</td>
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<td>I</td>
<td>—</td>
<td>Left Park Lamp Control</td>
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<td>2</td>
<td>VT/GY</td>
<td>709</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
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<td>BK</td>
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<td>I</td>
<td>—</td>
<td>Headlight Switch Signal</td>
<td>E</td>
<td>3</td>
<td>BK</td>
<td>10</td>
<td>II</td>
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Connector Part Information

- Harness Type: Chassis Rear Right
- Service Connector: 1661375C2
- Description: 4-pin F 280 Metri-Pack Series, Sealed
Connector Part Information

- Harness Type: Right Outside Stop, Tail and Turn Lamp
- Service Connector: Service by Harness
- Description: 4-pin M

Table 378 Terminal Part Information

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<th>Terminal Type ID</th>
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<tbody>
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Table 379 X420 Chassis Rear Right Harness to Tail Lamp Assembly - Right Harness

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<td>Color</td>
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<td>B</td>
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<td>GY/BN</td>
<td>309</td>
</tr>
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<tr>
<td>C</td>
<td>2</td>
<td>BN/GN</td>
<td>19</td>
</tr>
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<tr>
<td>D</td>
<td>2</td>
<td>GY/BN</td>
<td>309</td>
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<td>BK</td>
<td>10</td>
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</tbody>
</table>
Connector Part Information

- Harness Type: Chassis
- Service Connector: 3537133C1
- Description: 1-Way F 312 Series, Sealed (GY)
Connector Part Information

- Harness Type: Battery Feed
- Service Connector: Service by Harness
- Description: 1-Way M

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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<tbody>
<tr>
<td>I</td>
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Table 382  Terminal Part Information

Table 383  X430 Chassis Harness to Battery Feed Harness (Feature Code: 0008MSD (0008VUV))

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<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Option</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Option</th>
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<tr>
<td>A</td>
<td>6</td>
<td>RD</td>
<td>90J</td>
<td>I</td>
<td>—</td>
<td>Battery Positive Voltage</td>
<td>A</td>
<td>6</td>
<td>RD</td>
<td>90J</td>
<td>II</td>
<td>—</td>
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Connector Part Information

- Harness Type: Chassis
- Service Connector: 3573078C1
- Description: 14-pin F 2.8 APEX Series, Sealed (BK)
Connector Part Information

- Harness Type: Chassis Rear Right
- Service Connector: 3618231C1
- Description: 14-pin M 2.8 APEX Series, Sealed (BK)

Table 386  Terminal Part Information

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Table 387  X455 Chassis Harness to Chassis Rear Right Harness (Feature Code: 0008HXU)

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### Table 387  X455 Chassis Harness to Chassis Rear Right Harness (Feature Code: 0008HXU) (cont.)

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<th>Option</th>
<th>Function</th>
<th>Female</th>
<th>Pin</th>
<th>Female</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Option</th>
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<td>YE / BN</td>
<td>618</td>
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<td>—</td>
<td>Left Rear Turn Signal Lamp Control</td>
<td>3</td>
<td>2</td>
<td>YE / BN</td>
<td>618</td>
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<td></td>
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</tr>
<tr>
<td>4</td>
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<td>GN / VT</td>
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<td>Right Rear Turn Signal Lamp Control</td>
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<td>2</td>
<td>GN / VT</td>
<td>619</td>
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<td>Stop Lamp Control</td>
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<td>2</td>
<td>VT / GY</td>
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<td>VT / GY</td>
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<td>Right Park Lamp Control</td>
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<td>GY / BN</td>
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<td>YE / BU</td>
<td>I</td>
<td>—</td>
<td>Left Rear Stop / Turn Lamp Control</td>
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<td>YE / BU</td>
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<td>Battery Positive Voltage</td>
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Connector Part Information

- Harness Type: Body Builder Connection
- Service Connector: Service by Harness
- Description: 14-Way F
Connector Part Information

- Harness Type: Chassis Rear Right
- Service Connector: 3618231C1
- Description: 14-pin M 2.8 APEX Series, Sealed (BK)

Table 390  Terminal Part Information

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<th>Terminal Type ID</th>
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Table 391  X495 Body Builder Connection Harness to Chassis Rear Right Harness (Feature Code: 0008HXU)

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Table 391  X495 Body Builder Connection Harness to Chassis Rear Right Harness (Feature Code: 0008HXU) (cont.)

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<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
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<td>YE/BN</td>
<td>—</td>
<td>I</td>
<td>Left Rear Turn Signal Lamp Control</td>
<td>3</td>
<td>2</td>
<td>YE/BN</td>
<td>—</td>
<td>618</td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>GN/VT</td>
<td>—</td>
<td>I</td>
<td>Right Rear Turn Signal Lamp Control</td>
<td>4</td>
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<td>GN/VT</td>
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<td>619</td>
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<td>VT/GY</td>
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<td>I</td>
<td>Stop Lamp Control</td>
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<td>I</td>
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<td>2</td>
<td>VT/GY</td>
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<td>VT/GY</td>
<td>I</td>
<td>II</td>
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<td>VT/GY</td>
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<td>709</td>
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<td>2</td>
<td>GY/BN</td>
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<td>I</td>
<td>Right Park Lamp Control</td>
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<td>GY/BN</td>
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<td>YE/BU</td>
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<td>I</td>
<td>Left Rear Stop / Turn Lamp Control</td>
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<td>YE/BU</td>
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<td>218</td>
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<td>BN/GN</td>
<td>—</td>
<td>I</td>
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<td>BN/GN</td>
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<td>2</td>
<td>RD/YE</td>
<td>—</td>
<td>I</td>
<td>Battery Positive Voltage</td>
<td>14</td>
<td>2</td>
<td>RD/YE</td>
<td>—</td>
<td>1142</td>
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</table>
Connector Part Information

- Harness Type: Rearview Camera Jumper
- Service Connector: Service by Harness
- Description: 5-pin F 1.2 Series, Sealed (GY)
Connector Part Information

- Harness Type: Chassis Rear Right
- Service Connector: 4102336C1
- Description: 5-pin M 1.2 Series, Sealed (BK)

Table 394 Terminal Part Information

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<thead>
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Table 395 X499 Rearview Camera Jumper Harness to Chassis Rear Right Harness (Feature Code: 0008RNY)

<table>
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<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
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<th>Color</th>
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<th>Terminal Type ID</th>
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<tr>
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<td>GY / YE</td>
<td>6972</td>
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<td>GY / YE</td>
<td>6972</td>
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<td>WH / BU</td>
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<td>Camera Signal 2</td>
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<td>WH / BU</td>
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Table 395  X499 Rearview Camera Jumper Harness to Chassis Rear Right Harness (Feature Code: 0008RNY) (cont.)

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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
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<td>Camera Low Reference</td>
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<td>0.5</td>
<td>BK</td>
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<td>0.75</td>
<td>BK</td>
<td>2550</td>
<td>II</td>
</tr>
<tr>
<td>5</td>
<td>0.75</td>
<td>VT / GN</td>
<td>1739</td>
<td>I</td>
<td>Run / Crank Ignition Voltage</td>
<td>5</td>
<td>0.75</td>
<td>VT / GN</td>
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Connector Part Information

- Harness Type: Driver Door
- Service Connector: Service by Harness
- Description: 41-pin F 4.8 Timer, 1.5 DSQ Series
Connector Part Information

- Harness Type: Body
- Service Connector: 6040220C1
- Description: 41-pin M 1.5, 2.8 Series (GY)

Table 398 Terminal Part Information

<table>
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<td>II</td>
<td>6042002C1 2.5mm</td>
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<td>6042015C1 3mm</td>
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<td>III</td>
<td>6041852C1</td>
<td>J-35616-34 (YE)</td>
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<td>6041981C1</td>
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### Table 399  X500 Driver Door Harness to Body Harness

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<td>Color</td>
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Table 399  X500 Driver Door Harness to Body Harness (cont.)
## Table 399  X500 Driver Door Harness to Body Harness (cont.)

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Connector Part Information

- Harness Type: Driver Door
- Service Connector: Service by Harness
- Description: 48-pin F 1.2 MCON, 2.8 MCP Series (BK)
Connector Part Information
- Harness Type: Driver Door Trim
- Service Connector: Service by Harness
- Description: 48-pin M 1.2 MCON, 2.8 MCP Series (BK)

Table 402  Terminal Part Information

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### Table 403  X505 Driver Door Harness to Driver Door Trim Harness (Feature Code: 0016WAK) (cont.)

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<th>Function</th>
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Connector Part Information

- Harness Type: Driver Door Trim
- Service Connector: Service by Harness
- Description: 8-pin F 1.5 YESC Kaizen Series (L-GY)
Connector Part Information
- Harness Type: Driver Door
- Service Connector: Service by Harness
- Description: 8-pin M 1.5 YESC Kaizen Series (L-GY)

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Table 407  X506 Driver Door Trim Harness to Driver Door Harness (-Feature Code: 0016WAK)

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Table 407  X506 Driver Door Trim Harness to Driver Door Harness (-Feature Code: 0016WAK) (cont.)

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<th>Function</th>
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<th>Size</th>
<th>Color</th>
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Connector Part Information

- Harness Type: Outside Rearview Mirror – Driver
- Service Connector: Service by Harness
- Description: 18-pin F
Connector Part Information

- Harness Type: Driver Door
- Service Connector: Service by Harness
- Description: 18-pin M 0.64 Series (BK)

Table 410  Terminal Part Information

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Table 411 X510 Outside Rearview Mirror - Driver Harness to Driver Door Harness (Feature Code: 0016SPS)

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Connector Part Information

- Harness Type: Passenger Door
- Service Connector: Service by Harness
- Description: 41-pin F 4.8 Timer, 1.5 DSQ Series
## Connector Part Information

- Harness Type: Body
- Service Connector: 6040220C1
- Description: 41-pin M 1.5, 2.8 Series (GY)

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Connector Part Information

- Harness Type: Passenger Door
- Service Connector: Service by Harness
- Description: 48-pin F 1.2 MCON, 2.8 MCP Series (BK)
Connector Part Information

- Harness Type: Passenger Door Trim
- Service Connector: Service by Harness
- Description: 48-pin M 1.2 MCON, 2.8 MCP Series (BK)

Table 418  Terminal Part Information

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</tr>
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<td>10</td>
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<td>D-BU / YE</td>
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</tr>
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<td>12</td>
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<td>13</td>
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<td>VT / WH</td>
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Table 419  X605 Passenger Door Harness to Passenger Door Trim Harness (Feature Code: 0016WAK) (cont.)

<table>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
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<th>Size</th>
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<td>1250</td>
<td>I</td>
<td>Ground</td>
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<td>Power Window Motor Passenger Down Control</td>
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<td>27</td>
<td>2.5</td>
<td>RD / WH</td>
<td>1340</td>
<td>II</td>
<td>Battery Positive Voltage</td>
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<td>37</td>
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<td>38-45</td>
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<tr>
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<td>0.35</td>
<td>GY</td>
<td>746</td>
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<td>Right Front Door Ajar Switch Signal</td>
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<tr>
<td>47</td>
<td>0.35</td>
<td>BN / VT</td>
<td>245</td>
<td>I</td>
<td>Passenger Door Lock Switch Unlock Control</td>
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<td></td>
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<td></td>
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</tr>
<tr>
<td>48</td>
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<td>YE / BK</td>
<td>244</td>
<td>I</td>
<td>Passenger Door Lock Switch Lock Control</td>
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</tbody>
</table>
Connector Part Information

- Harness Type: Passenger Door Trim
- Service Connector: Service by Harness
- Description: 8-pin F 1.5 YESC Kaizen Series (L-GY)
Connector Part Information
- Harness Type: Passenger Door
- Service Connector: Service by Harness
- Description: 8-pin M 1.5 YESC Kaizen Series (L-GY)

### Table 422 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>6041949C1</td>
<td>J-35616-14 (GN)</td>
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<td>II</td>
<td>6041999C1</td>
<td>J-35616-3 (GY)</td>
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Table 423 X606 Passenger Door Trim Harness to Passenger Door Harness (Without Feature Code: 0016WAK)

<table>
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<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3</td>
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<td>Not Occupied</td>
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</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>YE / VT</td>
<td>244</td>
<td>I</td>
<td>Passenger Door Lock Switch Lock Control</td>
<td>4</td>
<td>0.35</td>
<td>YE / BK</td>
<td>244</td>
<td>II</td>
</tr>
</tbody>
</table>
Table 423  X606 Passenger Door Trim Harness to Passenger Door Harness (Without Feature Code: 0016WAK) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>0.35</td>
<td>BN / VT</td>
<td>245</td>
<td>I</td>
<td>Passenger Door Lock Switch Unlock Control</td>
<td>5</td>
<td>0.35</td>
<td>BN / VT</td>
<td>245</td>
<td>II</td>
</tr>
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<td>6</td>
<td>0.35</td>
<td>YE</td>
<td>6817</td>
<td>I</td>
<td>LED Backlight Dimming Control</td>
<td>6</td>
<td>0.35</td>
<td>YE</td>
<td>6817</td>
<td>II</td>
</tr>
<tr>
<td>7</td>
<td>0.35</td>
<td>BK</td>
<td>1250</td>
<td>I</td>
<td>Ground</td>
<td>7</td>
<td>0.5</td>
<td>BK</td>
<td>1250</td>
<td>II</td>
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<td></td>
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</tbody>
</table>
**Connector Part Information**

- Harness Type: Outside Rearview Mirror – Passenger
- Service Connector: Service by Harness
- Description: 18-pin F
Connector Part Information
- Harness Type: Passenger Door
- Service Connector: Service by Harness
- Description: 18-pin M 0.64 Series (BK)

Table 426 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
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<td>I</td>
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<td>J-35616-64B (LT BU)</td>
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Table 427  X610 Outside Rearview Mirror - Passenger Harness to Passenger Door Harness (Feature Code: 0016SPS)

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<td>Size</td>
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<td>GY / BN</td>
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<td>GY / L-GN</td>
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<tr>
<td>2</td>
<td>0.5</td>
<td>WH / VT</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>BK / L-GN</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>YE / GY</td>
</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>BK</td>
</tr>
<tr>
<td>6</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>7</td>
<td>0.35</td>
<td>VT / WH</td>
</tr>
<tr>
<td>8</td>
<td>0.5</td>
<td>BN / OG</td>
</tr>
<tr>
<td>9</td>
<td>0.5</td>
<td>YE / VT</td>
</tr>
<tr>
<td>10</td>
<td>0.5</td>
<td>L-GN / BK</td>
</tr>
<tr>
<td>11</td>
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<td>BK</td>
</tr>
<tr>
<td>12</td>
<td>0.5</td>
<td>WH</td>
</tr>
<tr>
<td>Pin</td>
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</tr>
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</tr>
<tr>
<td>13</td>
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<td>L-GN/VT</td>
</tr>
<tr>
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<td>D-BU/YE</td>
</tr>
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<td>15</td>
<td>0.5</td>
<td>D-BU/GY</td>
</tr>
<tr>
<td>16</td>
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<td>BK/D-BU</td>
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<td>17</td>
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<td>YE/RD</td>
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<td>18</td>
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<td>D-BU/GY</td>
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Connector Part Information

- Harness Type: Outside Rearview Mirror – Passenger
- Service Connector: Service by Harness
- Description: 2-pin F
**Connector Part Information**

- Harness Type: Passenger Door
- Service Connector: Service by Harness
- Description: 2-pin M 1.6 Timer Series (BK)

**Table 430  Terminal Part Information**

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<th>Terminal Type ID</th>
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### Table 431  X611 Outside Rearview Mirror - Passenger Harness to Passenger Door Harness (Feature Code: 0016SPR)

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<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
<th>Function</th>
<th>Pin</th>
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<th>Circuit</th>
<th>Terminal Type ID</th>
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<tbody>
<tr>
<td>1</td>
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<td>D-BU / GY</td>
<td>636</td>
<td>I</td>
<td>Outside Ambient Air Temperature Sensor Signal</td>
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<td>D-BU / GY</td>
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<td>BK / D-BU</td>
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<td>I</td>
<td>Outside Ambient Temperature Sensor Low Reference</td>
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<td>0.5</td>
<td>BK / D-BU</td>
<td>61</td>
<td>II</td>
</tr>
</tbody>
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Connector Part Information

- Harness Type: Left Rear Door
- Service Connector: Service by Harness
- Description: 20-pin F 1.5 DSQ, 4.8 Timer Series (GY)
Connector Part Information
- Harness Type: Body
- Service Connector: 6040254C1
- Description: 20-pin M 1.5, 5.8 TTS Series (D-GY)

Table 434 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
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<td>I</td>
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<td>J-35616-14 (GN)</td>
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<td>6042025C1 0.75-1mm</td>
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<td>II</td>
<td>6042002C1 2.5mm</td>
<td>J-35616-42 (RD)</td>
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<td>6042015C1 3mm</td>
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<td>III</td>
<td>6042026C1</td>
<td>J-35616-34 (YE)</td>
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<td>IV</td>
<td>6041981C1</td>
<td>J-35616-32 (OR)</td>
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<td>V</td>
<td>6042027C1</td>
<td>J-35616-3 (GY)</td>
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<tr>
<td>VI</td>
<td>6042027C1</td>
<td>J-35616-3 (GY)</td>
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<td>6041981C1</td>
<td>J-35616-32 (OR)</td>
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<td>Pin</td>
<td>Size</td>
<td>Color</td>
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<td>RD/D-BU</td>
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<td>14-15</td>
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</tr>
<tr>
<td>16</td>
<td>1</td>
<td>L-GN/BK</td>
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<td>OG/D-BU</td>
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<td>0.5</td>
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Connector Part Information

- Harness Type: Right Rear Door
- Service Connector: Service by Harness
- Description: 20-pin F 1.5 DSQ, 4.8 Timer Series (GY)
Connector Part Information

- Harness Type: Body
- Service Connector: 6040254C1
- Description: 20-Way M 1.5, 5.8 TTS Series (D-GY)

Table 438  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
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<tbody>
<tr>
<td>I</td>
<td>6042024C1 0.35-0.5 mm</td>
<td>J-35616-14 (GN)</td>
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<tr>
<td></td>
<td>6042025C1 0.75-1 mm</td>
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</tr>
<tr>
<td>II</td>
<td>6042002C1 2.5mm</td>
<td>J-35616-42 (RD)</td>
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<td>III</td>
<td>6042026C1</td>
<td>J-35616-34 (YE)</td>
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<td>6041981C1</td>
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<td>6042027C1</td>
<td>J-35616-3 (GY)</td>
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<td>6042027C1</td>
<td>J-35616-3 (GY)</td>
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</table>
### Table 439  X800 Right Rear Door Harness to Body Harness (Crew Cab)

<table>
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<tr>
<th>Pin</th>
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<th>Color</th>
<th>Circuit</th>
<th>Terminal Type ID</th>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
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<td>RD/WH</td>
<td>1340</td>
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<td>BK</td>
<td>1250</td>
<td>II</td>
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<td>2.5</td>
<td>BK</td>
<td>1250</td>
<td>IV</td>
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<tr>
<td>7</td>
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<td>WH</td>
<td>46</td>
<td>I</td>
<td>Right Rear Speaker Control (+)</td>
<td>7</td>
<td>0.5</td>
<td>WH</td>
<td>46</td>
<td>V</td>
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<td>9</td>
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<td>WH/D-BU</td>
<td>3266</td>
<td>I</td>
<td>Child Security Lock Motor Lock Control</td>
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<td>WH/D-BU</td>
<td>3266</td>
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<td>I</td>
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<td>BN/YE</td>
<td>294</td>
<td>VI</td>
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<td>11</td>
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<td>GY</td>
<td>295</td>
<td>I</td>
<td>Door Lock Actuator Lock Control</td>
<td>11</td>
<td>0.75</td>
<td>GY</td>
<td>295</td>
<td>VI</td>
</tr>
<tr>
<td>12</td>
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<td>—</td>
<td>Right Rear Door Ajar Switch Signal</td>
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<td>GY</td>
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<td>16</td>
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<td>D-BU/BK</td>
<td>115</td>
<td>I</td>
<td>Right Rear Speaker Signal (-)</td>
<td>16</td>
<td>0.5</td>
<td>D-BU/BK</td>
<td>115</td>
<td>V</td>
</tr>
<tr>
<td>17</td>
<td>0.5</td>
<td>OG/VT</td>
<td>6624</td>
<td>I</td>
<td>Right Middle Side Impact Sensing Module Signal</td>
<td>17</td>
<td>0.35</td>
<td>OG/VT</td>
<td>6624</td>
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<td>18</td>
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<td>BK/OG</td>
<td>6625</td>
<td>I</td>
<td>Right Middle Side Impact Sensing Module Low Reference</td>
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<td>0.35</td>
<td>BK/OG</td>
<td>6625</td>
<td>III</td>
</tr>
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<td>19</td>
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<td>GY/BK</td>
<td>3268</td>
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<td>GY/BK</td>
<td>3268</td>
<td>III</td>
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<td>20</td>
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<td>L-GN/GY</td>
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<td>I</td>
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<td>L-GN/GY</td>
<td>6135</td>
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16.2. SPLICE PACK CONNECTOR END VIEWS

Connector Part Information
- Harness Type: Forward Lamp
- Service Connector: 3551896C1
- Description: 6-Way F 280 Metri-Pack Series, Sealed (BK)

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>2033819C1 1mm</td>
<td>J-35616-4A (PU)</td>
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<tr>
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<td>2033816C1 1.5mm-2mm</td>
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Table 442  JX100 Splice Pack

<table>
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<th>Pin</th>
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<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
<tbody>
<tr>
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<td>BK</td>
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<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>1.5</td>
<td>BK</td>
<td>150</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>C</td>
<td>1</td>
<td>BK</td>
<td>139G</td>
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### Table 442  JX100 Splice Pack (cont.)

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<tr>
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<td>BK</td>
<td>603G</td>
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<td>E-F</td>
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<td>Not Occupied</td>
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Connector Part Information
- Harness Type: Instrument Panel
- Service Connector: 6042191C1
- Description: 12-pin F 280 Metri-Pack Series (BK)

Table 444  Terminal Part Information

<table>
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<tr>
<th>Terminal Type ID</th>
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<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>3535484C1</td>
<td>J-35616-4A (PU)</td>
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<tr>
<td>II</td>
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<td>J-35616-4A (PU)</td>
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Table 445  JX200 Splice Pack

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</thead>
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<td>Low Speed GMLAN Serial Data</td>
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<tr>
<td>B—D</td>
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<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>E</td>
<td>0.5</td>
<td>L-GN</td>
<td>5060</td>
<td>Low Speed GMLAN Serial Data</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>F—H</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>J</td>
<td>0.5</td>
<td>GN</td>
<td>5060</td>
<td>Low Speed GMLAN Serial Data</td>
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<td>—</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
<td>Option</td>
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</tr>
<tr>
<td>K</td>
<td>0.35</td>
<td>GN</td>
<td>5060</td>
<td>Low Speed GMLAN Serial Data</td>
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</tr>
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<td>L</td>
<td>—</td>
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<td>—</td>
<td>Not Occupied</td>
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</tr>
<tr>
<td>M</td>
<td>0.5</td>
<td>L-GN</td>
<td>5060</td>
<td>Low Speed GMLAN Serial Data</td>
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Connector Part Information
- Harness Type: Body
- Service Connector: 6042191C1
- Description: 12-pin F 280 Metri-Pack Series (BK)

Table 447  Terminal Part Information

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Table 448  JX300 Splice Pack

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<th>Option</th>
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<td>A. Low Speed GMLAN Serial Data</td>
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<tr>
<td>B-H</td>
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<td>Not Occupied</td>
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<td>J</td>
<td>0.5</td>
<td>L-GN</td>
<td>J. 5060</td>
<td>Low Speed GMLAN Serial Data</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>K-L</td>
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<td>Not Occupied</td>
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<tr>
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<td>L-GN</td>
<td>M. 5060</td>
<td>Low Speed GMLAN Serial Data</td>
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### Connector Part Information
- Harness Type: Chassis
- Service Connector: 3551896C1
- Description: 6-Way F 280 Metri-Pack Series, Sealed (BK)

### Table 450  Terminal Part Information

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<td>I</td>
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### Table 451  JX301 Splice Pack

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<th>Terminal Type ID</th>
<th>Option</th>
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<td>B</td>
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<td>BK</td>
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<td>I</td>
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<tr>
<td>C</td>
<td>1.5</td>
<td>BK</td>
<td>2150</td>
<td>Ground</td>
<td>I</td>
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<td>Ground</td>
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</tr>
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<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
<td>Option</td>
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<td>BK</td>
<td>2150</td>
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<td>I</td>
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</tr>
<tr>
<td>F</td>
<td>1.5</td>
<td>BK</td>
<td>2150</td>
<td>Ground</td>
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Connector Part Information

- Harness Type: Chassis
- Service Connector: 3551896C1
- Description: 6-Way F 280 Metri-Pack Series, Sealed (BK)

Table 453 Terminal Part Information

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Table 454 JX302 Splice Pack

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<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
<tbody>
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<td>BK</td>
<td>11</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
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<tr>
<td>B</td>
<td>3</td>
<td>BK</td>
<td>1750</td>
<td>Ground</td>
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<td>—</td>
</tr>
<tr>
<td>C</td>
<td>1.5</td>
<td>BK</td>
<td>618-G</td>
<td>Ground</td>
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<td>—</td>
</tr>
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<td>D</td>
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<td>WH</td>
<td>90-G</td>
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**Connector Part Information**
- Harness Type: Chassis Rear Right
- Service Connector: 3551896C1
- Description: 6-Way F 280 Metri-Pack Series, Sealed (BK)

### Table 456  Terminal Part Information

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<tr>
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### Table 457  JX402 Splice Pack

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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
<tbody>
<tr>
<td>A</td>
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<td>BK</td>
<td>10-G</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>3</td>
<td>BK</td>
<td>10-G</td>
<td>Ground</td>
<td>I</td>
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<td>C</td>
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Table 457  JX402 Splice Pack (cont.)

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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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<tbody>
<tr>
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<td>2550</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
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<td>F</td>
<td>1.5</td>
<td>BK</td>
<td>10-G</td>
<td>Ground</td>
<td>I</td>
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</tbody>
</table>
16.3. COMPONENT CONNECTOR END VIEWS

Connector Part Information

- Harness Type: Chassis Rear Right
- Service Connector: 4088330C1
- Description: 8-pin F 2.8 Series, Sealed (GY)

Table 459 Terminal Part Information

<table>
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<td>3830792C1</td>
<td>J-35616-4A (PU)</td>
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Table 460 A6C Fuel Pump and Level Sensor Assembly – Primary 40 Gallon Tank (Feature Code: 0015SZN)

<table>
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<tr>
<th>Pin</th>
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<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</tr>
<tr>
<td>2</td>
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<td>YE / GY</td>
<td>4137</td>
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<td>I</td>
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</tr>
<tr>
<td>3</td>
<td>1.5</td>
<td>WH / BN</td>
<td>4138</td>
<td>Fuel Pump Supply Voltage Phase 3</td>
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</tr>
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</table>
Table 460  A6C Fuel Pump and Level Sensor Assembly – Primary 40 Gallon Tank (Feature Code: 0015SZN) (cont.)

<table>
<thead>
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<th>Pin</th>
<th>Size</th>
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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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<td>BK / GN</td>
<td>6281</td>
<td>Fuel Level Sensor Low Reference</td>
<td>II</td>
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</tr>
<tr>
<td>7-8</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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Connector Part Information

- Harness Type: Chassis
- Service Connector: 4088330C1
- Description: 8-pin F 2.8 Series, Sealed (GY)

Table 462  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>3830798C1</td>
<td>J-35616-35 (VT)</td>
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<tr>
<td>II</td>
<td>3830792C1</td>
<td>J-35616-4A (PU)</td>
</tr>
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Table 463  A6C Fuel Pump and Level Sensor Assembly – Primary (Feature Code: 0015DSZ / 0015SZP)

<table>
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<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td>GY</td>
<td>120</td>
<td>Fuel Pump Control</td>
<td>I</td>
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<tr>
<td>2</td>
<td>1.5</td>
<td>YE / GY</td>
<td>4137</td>
<td>Fuel Pump Supply Voltage Phase 2</td>
<td>I</td>
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</tr>
<tr>
<td>3</td>
<td>1.5</td>
<td>WH / BN</td>
<td>4138</td>
<td>Fuel Pump Supply Voltage Phase 3</td>
<td>I</td>
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<tr>
<td>4</td>
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<td>—</td>
<td>Not Occupied</td>
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<td>—</td>
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<tr>
<td>5</td>
<td>0.5</td>
<td>BU / VT</td>
<td>1589</td>
<td>Primary Fuel Level Sensor Signal</td>
<td>II</td>
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### Table 463  A6C Fuel Pump and Level Sensor Assembly – Primary (Feature Code: 0015DSZ / 0015SZP) (cont.)

<table>
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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>0.5</td>
<td>BK / GN</td>
<td>6281</td>
<td>Fuel Level Sensor Low Reference</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>7-8</td>
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<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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</tbody>
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Connector Part Information
- Harness Type: Chassis Rear Right
- Service Connector: 4088872C1
- Description: 8-pin F2.8 Series, Sealed (L-BU)

Table 465 Terminal Part Information

<table>
<thead>
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<td>I</td>
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<td>J-35616-35 (VT)</td>
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<tr>
<td>II</td>
<td>3830792C1</td>
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Table 466 A6D Fuel Pump and Level Sensor Assembly – Secondary (Feature Code: 0015DSZ)

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<th>Size</th>
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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
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<td>—</td>
<td>Not Occupied</td>
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<td>—</td>
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<td>3</td>
<td>1.5</td>
<td>GY</td>
<td>120</td>
<td>Fuel Pump Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>1.5</td>
<td>BK</td>
<td>2150</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>BU / WH</td>
<td>1937</td>
<td>Secondary Fuel Level Sensor Signal</td>
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### Table 466  A6D Fuel Pump and Level Sensor Assembly – Secondary (Feature Code: 0015DSZ) (cont.)

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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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<tbody>
<tr>
<td>6</td>
<td>0.5</td>
<td>BK / GN</td>
<td>6281</td>
<td>Fuel Level Sensor Low Reference</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>7-8</td>
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<td>—</td>
<td>Not Occupied</td>
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</table>
Connector Part Information

- Harness Type: Headliner
- Service Connector: 6040201C1
- Description: 10-pin F 0.64 Kaizen Series (BK)

<table>
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<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>6041998C1</td>
<td>J-35616-64B (LT BU)</td>
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<td>II</td>
<td>6041998C1</td>
<td>J-35616-64B (LT BU)</td>
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Table 469 A10 Inside Rearview Mirror (Feature Code: 0016ACC / 0008AAE)

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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
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<td>L-GN / RD</td>
<td>24</td>
<td>Backup Lamp Control</td>
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</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>VT / L-GN</td>
<td>1739</td>
<td>Run / Crank Ignition 1 Voltage</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>L-GN / D-BU</td>
<td>2514</td>
<td>Keypad Signal</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
<td>Option</td>
</tr>
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<td>0.35</td>
<td>L-GN / BK</td>
<td>2515</td>
<td>Keypad Control</td>
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<td>0.5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
<td>0.35</td>
<td>YE / BN</td>
<td>2516</td>
<td>Keypad Green LED Control</td>
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</tr>
<tr>
<td>7</td>
<td>0.35</td>
<td>BN / WH</td>
<td>2517</td>
<td>Keypad Red LED Control</td>
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<td>—</td>
</tr>
<tr>
<td>8</td>
<td>0.35</td>
<td>BK / YE</td>
<td>1691</td>
<td>Automatic Day / Night Mirror Low Reference</td>
<td>II</td>
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</tr>
<tr>
<td>9</td>
<td>0.35</td>
<td>YE / WH</td>
<td>1690</td>
<td>Automatic Day / Night Mirror Signal</td>
<td>II</td>
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</tr>
<tr>
<td>10</td>
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<td>—</td>
<td>Not Occupied</td>
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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040228C1
- Description: 20-Way F 0.64 Series (GY)

Table 471  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
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<td>I</td>
<td>6042047C1 0.35-0.5mm, 6041997C1 0.75mm</td>
<td>J-35616-64B (LT BU)</td>
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Table 472  A11 Radio X1 (Feature Code: 0008RNN)

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<th>Pin</th>
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<th>Circuit</th>
<th>Function</th>
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<tr>
<td>4</td>
<td>0.35</td>
<td>WH/D-BU</td>
<td>6973</td>
<td>Camera Signal 2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>GY/YE</td>
<td>6972</td>
<td>Camera Signal 2 +</td>
<td>I</td>
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</tr>
<tr>
<td>6</td>
<td>0.5</td>
<td>BARE</td>
<td>5842</td>
<td>Auxiliary Audio Screen 2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>7</td>
<td>0.5</td>
<td>D-BU</td>
<td>2060</td>
<td>Auxiliary Detection Signal</td>
<td>I</td>
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### Table 472  A11 Radio X1 (Feature Code: 0008RNN) (cont.)

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<th>Pin</th>
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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
<tbody>
<tr>
<td>8</td>
<td>0.35</td>
<td>VT</td>
<td>5843</td>
<td>Auxiliary Audio Common Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>9</td>
<td>0.35</td>
<td>GY</td>
<td>5839</td>
<td>Left Auxiliary Audio Signal 2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>10</td>
<td>0.35</td>
<td>L-GN</td>
<td>5841</td>
<td>Right Auxiliary Audio Signal 2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>11-12</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>13</td>
<td>0.5</td>
<td>GN / BU</td>
<td>7532</td>
<td>Local Interconnect Network Serial Data Bus 10</td>
<td>I</td>
<td>—</td>
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<tr>
<td>14</td>
<td>0.5</td>
<td>GY / GN</td>
<td>1102</td>
<td>Low Speed GMLAN Serial Data #2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>15-20</td>
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<td>—</td>
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<td>Not Occupied</td>
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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040228C1
- Description: 20-Way F 0.64 Series (GY)

Table 474  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042047C1 0.35-0.5mm, 6041997C1 0.75mm</td>
<td>J-35616-64B (LT BU)</td>
</tr>
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Table 475  A11 Radio X1 (Feature Code: 0008RNP / 0008RNR / 0008RNW / 0008RNX)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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<td>BARE</td>
<td>5842</td>
<td>Auxiliary Audio Screen 2</td>
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<td>—</td>
</tr>
<tr>
<td>7</td>
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<td>D-BU</td>
<td>2060</td>
<td>Auxiliary Detection Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>8</td>
<td>0.35</td>
<td>VT</td>
<td>5843</td>
<td>Auxiliary Audio Common Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>9</td>
<td>0.35</td>
<td>GY</td>
<td>5839</td>
<td>Left Auxiliary Audio Signal 2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
<td>Option</td>
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<td>0.35</td>
<td>L-GN</td>
<td>5841</td>
<td>Right Auxiliary Audio Signal 2</td>
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</tr>
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<td>13</td>
<td>0.5</td>
<td>GN / BU</td>
<td>7532</td>
<td>Local Interconnect Network Serial Data Bus 10</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>14</td>
<td>0.5</td>
<td>GY / GN</td>
<td>1102</td>
<td>Low Speed GMLAN Serial Data #2</td>
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<td>BK / YE</td>
<td>659</td>
<td>Cellular Telephone Voice Low Reference</td>
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<tr>
<td>20</td>
<td>0.35</td>
<td>YE</td>
<td>658</td>
<td>Cellular Telephone Voice Signal</td>
<td>I</td>
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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040228C1
- Description: 20-Way F 0.64 Series (GY)

Table 477  Terminal Part Information

<table>
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<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>6042047C1 0.35-0.5mm, 6041997C1 0.75mm</td>
<td>J-35616-64B (LT BU)</td>
</tr>
<tr>
<td>II</td>
<td>6042047C1</td>
<td>J-35616-64B (LT BU)</td>
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Table 478  A11 Radio X1 (Feature Code: 0008RNM / 0008RNV)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
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<td>Ground</td>
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<tr>
<td>2</td>
<td>0.35</td>
<td>GY/BN</td>
<td>9003</td>
<td>—</td>
<td>II</td>
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<td>Low Speed GMLAN Serial Data #2</td>
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</tr>
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<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
<td>Option</td>
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<td>BK/YE</td>
<td>659</td>
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<td>—</td>
</tr>
<tr>
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<td>0.35</td>
<td>YE</td>
<td>658</td>
<td>Cellular Telephone Voice Signal</td>
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<td>—</td>
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<td>RD/VT</td>
<td>340</td>
<td>Battery Positive Voltage</td>
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<td>GY / GN</td>
<td>1102</td>
<td>Camera Signal 2</td>
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<tr>
<td>15</td>
<td>0.35</td>
<td>GY/YE</td>
<td>6972</td>
<td>Camera Signal 2 +</td>
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<td>Auxiliary Audio Screen 2</td>
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<td>D-BU</td>
<td>2060</td>
<td>Auxiliary Detection Signal</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>18</td>
<td>0.35</td>
<td>VT</td>
<td>5843</td>
<td>Auxiliary Audio Common Signal</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>19</td>
<td>0.35</td>
<td>BK/YE</td>
<td>5839</td>
<td>Left Auxiliary Audio Signal 2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>20</td>
<td>0.35</td>
<td>YE</td>
<td>5841</td>
<td>Right Auxiliary Audio Signal 2</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040265C1
- Description: 8-Way F YESC Kaizen Series (GY)

**Table 480  Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>6042047C1</td>
<td>J-35616-64B (LT BU)</td>
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</table>

**Table 481  A11 Radio X2 (Without Feature Code: 0008RNM / 0008RNW)**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>WH/L-GN</td>
<td>3997</td>
<td>MOST Serial Data (-)</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>GY/VT</td>
<td>3998</td>
<td>MOST Serial Data (+)</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>WH/L-GN</td>
<td>3997</td>
<td>MOST Serial Data (-)</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>GY/VT</td>
<td>3998</td>
<td>MOST Serial Data (+)</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>5–6</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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### Table 481  A11 Radio X2 (Without Feature Code: 0008RNM / 0008RNW) (cont.)

<table>
<thead>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
<tbody>
<tr>
<td>7</td>
<td>0.35</td>
<td>WH/VT</td>
<td>3999</td>
<td>MOST Control</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>8</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>II</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040265C1
- Description: 20-Way F 0.64 Series (BN)

Table 483  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042047C1 0.35-0.5mm, 6041997C1 0.75mm</td>
<td>J-35616-64B (LT BU)</td>
</tr>
<tr>
<td>II</td>
<td>6042047C1</td>
<td>J-35616-64B (LT BU)</td>
</tr>
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Table 484  A11 Radio X2 (Feature Code: 0008RNM / 0008RNW)

<table>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>GY</td>
<td>314</td>
<td>Radio On Signal</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>VT / GY</td>
<td>1381</td>
<td>LCD Dimming Signal</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>GY / D-BU</td>
<td>3989</td>
<td>Display Radio Bank Switch Dim Signal</td>
<td>II</td>
<td>—</td>
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</table>
## Table 484  A11 Radio X2 (Feature Code: 0008RNM / 0008RNW) (cont.)

<table>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>0.35</td>
<td>BN / L-GN</td>
<td>4502</td>
<td>Video Display Request Signal</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>7</td>
<td>0.35</td>
<td>BN / L-GN</td>
<td>3364</td>
<td>Navigation Display Reset Signal</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>8</td>
<td>0.35</td>
<td>D-BU</td>
<td>4315</td>
<td>Radio Volume Up Signal</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>9</td>
<td>0.35</td>
<td>GY / BN</td>
<td>4314</td>
<td>Radio Volume Down Signal</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>10</td>
<td>0.75</td>
<td>BK</td>
<td>2550</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>11</td>
<td>0.5</td>
<td>WH</td>
<td>46</td>
<td>Right Rear Speaker Control (+)</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>12</td>
<td>0.5</td>
<td>D-BU / BK</td>
<td>115</td>
<td>Right Rear Speaker Signal (-)</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>13</td>
<td>0.5</td>
<td>L-GN</td>
<td>199</td>
<td>Left Rear Speaker Control (+)</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>14</td>
<td>0.5</td>
<td>L-GN / BK</td>
<td>116</td>
<td>Left Rear Speaker Signal (-)</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>15</td>
<td>0.75</td>
<td>YE / BK</td>
<td>117</td>
<td>Right Front Speaker Signal (-) 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>16</td>
<td>0.75</td>
<td>YE</td>
<td>200</td>
<td>Right Front Speaker Control (+) 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>17</td>
<td>0.75</td>
<td>BN / D-BU</td>
<td>118</td>
<td>Left Front Speaker Signal (-) 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>18</td>
<td>0.75</td>
<td>D-BU</td>
<td>201</td>
<td>Left Front Speaker Control (+) 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>19</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>20</td>
<td>0.75</td>
<td>RD / VT</td>
<td>340</td>
<td>Battery Positive Voltage</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040223C1
- Description: 16-pin F 1.5 OCS Series (BK)

Table 486 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042052C1 0.5mm, 6042051C1 0.75mm</td>
<td>J-35616-2A (GY)</td>
</tr>
</tbody>
</table>

Table 487 A11 Radio X3 (Without Feature Code: 0008RNM / 0008RNW)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>D-BU</td>
<td>201</td>
<td>Left Front Speaker Control (+) 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>YE</td>
<td>200</td>
<td>Right Front Speaker Control (+) 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>L-GN</td>
<td>199</td>
<td>Left Rear Speaker Control (+)</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>WH</td>
<td>46</td>
<td>Right Rear Speaker Control (+)</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>5-7</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>8</td>
<td>0.75</td>
<td>RD / VT</td>
<td>340</td>
<td>Battery Positive Voltage</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
<td>Option</td>
</tr>
<tr>
<td>-----</td>
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<td>---------------------------------------</td>
<td>-----------------</td>
<td>--------</td>
</tr>
<tr>
<td>9</td>
<td>0.75</td>
<td>BN / D-BU</td>
<td>118</td>
<td>Left Front Speaker Signal (-) 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>10</td>
<td>0.75</td>
<td>YE / BK</td>
<td>117</td>
<td>Right Front Speaker Signal (-) 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>11</td>
<td>0.5</td>
<td>L-GN / BK</td>
<td>116</td>
<td>Left Rear Speaker Signal (-)</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>12</td>
<td>0.5</td>
<td>D-BU / BK</td>
<td>115</td>
<td>Right Rear Speaker Signal (-)</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>13-15</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>16</td>
<td>0.75</td>
<td>BK</td>
<td>2550</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Radio Antenna Jumper Coax
- Service Connector: Service by Harness
- Description: Description: 1-Way F Coax Type (BK)

Table 489 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
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Table 490 A11 Radio X4

<table>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coax</td>
<td>Coax</td>
<td>Coax</td>
<td>Coax</td>
<td>(AM / FM) Antenna RF Signal</td>
<td>Coax.</td>
<td>Coax.</td>
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</table>
**Connector Part Information**

- Harness Type: Instrument Panel Coax
- Service Connector: Service by Harness
- Description: 1-Way F Coax Type (CU)

<table>
<thead>
<tr>
<th>Table 492</th>
<th>Terminal Part Information</th>
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<tbody>
<tr>
<td>Terminal Type ID</td>
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<table>
<thead>
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<th>A11 Radio X5</th>
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<tbody>
<tr>
<td>Pin</td>
<td>Size</td>
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</table>
Connector Part Information

- Harness Type: Instrument Panel Coax
- Service Connector: Service by Harness
- Description: 1-Way F Coax Type (CU)

Table 495 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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Table 496 A11 Radio X6

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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
</table>
Connector Part Information

- Harness Type: Instrument Panel LVDS
- Service Connector: Service by Cable Assembly
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

Table 498  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tr>
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Table 499  A11 Radio X7 (Feature Code: 0008RNMD)

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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LVDS</td>
<td>—</td>
<td>—</td>
<td>Infotainment Display Signa</td>
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<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel USB
- Service Connector: Service by Cable Assembly
- Description: 5-Way M 2.0 Mini-B USB Type (BN)

Table 501  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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Table 502  A11 Radio X8 (Feature Code: 0008RNM)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>—</td>
<td>—</td>
<td>USB</td>
<td>—</td>
<td>USB Serial Data</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040276C1
- Description: 7-pin F 1.5, 2.8 MCP Series, Sealed (BK)

Table 504  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
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<tbody>
<tr>
<td>I</td>
<td>6041983C1</td>
<td>J-35616-14 (GN)</td>
</tr>
<tr>
<td>II</td>
<td>6041988C1</td>
<td>J-35616-4A (PU)</td>
</tr>
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Table 505  A16 Transfer Case Motor (Feature Code: 0013TLP (0013WDB))

<table>
<thead>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>YE / VT</td>
<td>1553</td>
<td>Transfer Case Motor Counter Clockwise Control</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>OG</td>
<td>1552</td>
<td>Transfer Case Motor Clockwise Control</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>VT</td>
<td>7476</td>
<td>Incremental Encoder Sensor Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
<td>Option</td>
</tr>
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<td>--------</td>
</tr>
<tr>
<td>5</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
<td>0.5</td>
<td>D-BU / GY</td>
<td>7473</td>
<td>Incremental Encoder Impulse Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>7</td>
<td>0.5</td>
<td>WH / L-GN</td>
<td>7475</td>
<td>Incremental Encoder Sensor 8 volt Reference</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040266C1
- Description: 8-pin F 0.64 Series (BK)

Table 507 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
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</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042042C1</td>
<td>EL-35616-58 (BK)</td>
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Table 508 A22 Radio Controls (Feature Code: 0008RNM)

<table>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>GY / BN</td>
<td>3761</td>
<td>Infotainment Regulated Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>L-GN / BK</td>
<td>2515</td>
<td>Keypad Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>BN / L-GN</td>
<td>3983</td>
<td>Display Radio Bank Switch Signal 2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>GY</td>
<td>314</td>
<td>Radio On Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
<td>Option</td>
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<td>5</td>
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<td>GY / D-BU</td>
<td>3989</td>
<td>Display Radio Bank Switch Dim Signal</td>
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<tr>
<td>6</td>
<td>0.35</td>
<td>D-BU</td>
<td>4315</td>
<td>Radio Volume Up Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>7</td>
<td>0.35</td>
<td>GY / BN</td>
<td>4314</td>
<td>Radio Volume Down Signal</td>
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<td>BK / BN</td>
<td>2518</td>
<td>Keypad Low Reference</td>
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</table>
Connector Part Information

- Harness Type: Driver Door
- Service Connector: Service by Harness
- Description: 10-pin F 0.64 YESC Kaizen Series (GN)

Table 510  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<td>I</td>
<td>6041998C1 0.35mm-0.5mm</td>
<td>J-35616-64B (LT BU)</td>
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<td>6041997C1 0.75mm</td>
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Table 511  A23D Door Latch Assembly – Driver

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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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<tbody>
<tr>
<td>1</td>
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<td>GY</td>
<td>745</td>
<td>Left Front Door Ajar Switch Signal</td>
<td>I</td>
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<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>BK</td>
<td>1150</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
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<tr>
<td>4</td>
<td>0.35</td>
<td>WH / VT</td>
<td>3270</td>
<td>Driver Door Lock Motor Status Signal</td>
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Table 511  A23D Door Latch Assembly – Driver (cont.)

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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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<tr>
<td>5</td>
<td>0.35</td>
<td>D-BU / VT</td>
<td>1124</td>
<td>Door Lock Key Switch Unlock Signal</td>
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</tr>
<tr>
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<td>—</td>
<td>Not Occupied</td>
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<td>—</td>
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<tr>
<td>7</td>
<td>0.75</td>
<td>GY</td>
<td>5911</td>
<td>Door Lock Actuator Lock Control 2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>8</td>
<td>0.75</td>
<td>BN / BK</td>
<td>294</td>
<td>Door Lock Actuator Unlock Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>9-10</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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</tbody>
</table>
Connector Part Information

- Harness Type: Left Rear Door
- Service Connector: Service by Harness
- Description: 10-pin F 0.64 YESC Kaizen Series (GN)

Table 513  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tr>
<td>1</td>
<td>6041998C1 0.35mm-0.5mm</td>
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Table 514  A23LR Door Latch Assembly – Left Rear (Crew Cab)

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<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>GY/WH</td>
<td>747</td>
<td>Left Rear Door Ajar Switch Signal</td>
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<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>BN/WH</td>
<td>3269</td>
<td>Child Security Lock Motor Status Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Left Rear</td>
<td></td>
<td></td>
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<tr>
<td>3</td>
<td>0.5</td>
<td>BK</td>
<td>1150</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4-6</td>
<td>—</td>
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<td>—</td>
<td>Not Occupied</td>
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### Table 514  A23LR Door Latch Assembly – Left Rear (Crew Cab) (cont.)

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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
<tbody>
<tr>
<td>7</td>
<td>0.75</td>
<td>GY</td>
<td>295</td>
<td>Door Lock Actuator Lock Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>8</td>
<td>0.75</td>
<td>BN / YE</td>
<td>294</td>
<td>Door Lock Actuator Unlock Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>9</td>
<td>0.75</td>
<td>WH / D-BU</td>
<td>3266</td>
<td>Child Security Lock Motor Lock Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>10</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
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Connector Part Information
- Harness Type: Passenger Door
- Service Connector: Service by Harness
- Description: 10-pin F 0.64 YESC Kaizen Series (GN)

Table 516  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tr>
<td>I</td>
<td>6041998C1 0.35mm-0.5mm</td>
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</tr>
<tr>
<td></td>
<td>6041997C1 0.75mm</td>
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Table 517  A23P Door Latch Assembly – Passenger

<table>
<thead>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
<tbody>
<tr>
<td>1-2</td>
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</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>BK</td>
<td>1250</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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<td>—</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>GY</td>
<td>746</td>
<td>Right Front Door Ajar Switch Signal</td>
<td>I</td>
<td>—</td>
</tr>
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<td>6-7</td>
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### Table 517  A23P Door Latch Assembly – Passenger (cont.)

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<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
<tbody>
<tr>
<td>8</td>
<td>0.75</td>
<td>BN / YE</td>
<td>294</td>
<td>Door Lock Actuator Unlock Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>9</td>
<td>0.75</td>
<td>GY</td>
<td>295</td>
<td>Door Lock Actuator Lock Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>10</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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<td>—</td>
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</tbody>
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Connector Part Information

- Harness Type: Right Rear Door
- Service Connector: Service by Harness
- Description: 10-pin F 0.64 YESC Kaizen Series (GN)

Table 519  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>1</td>
<td>6041998C1 0.35mm-0.5mm</td>
<td>J-35616-64B (LT BU)</td>
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<td>6041997C1 0.75mm</td>
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Table 520  A23RR Door Latch Assembly – Right Rear (Crew Cab)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2</td>
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<td>Not Occupied</td>
<td>—</td>
<td>—</td>
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<td>3</td>
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<td>BK</td>
<td>1250</td>
<td>Ground</td>
<td>1</td>
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<tr>
<td>4</td>
<td>0.35</td>
<td>GY / BK</td>
<td>3268</td>
<td>Child Security Lock Motor Status Signal Right Rear</td>
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<td>GY / WH</td>
<td>748</td>
<td>Right Rear Door Ajar Switch Signal</td>
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### Table 520  A23RR Door Latch Assembly – Right Rear (Crew Cab) (cont.)

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<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
<tbody>
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<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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</tr>
<tr>
<td>7</td>
<td>0.75</td>
<td>WH / D-BU</td>
<td>3266</td>
<td>Child Security Lock Motor Lock Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>8</td>
<td>0.75</td>
<td>BN / YE</td>
<td>294</td>
<td>Door Lock Actuator Unlock Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>9</td>
<td>0.75</td>
<td>GY</td>
<td>295</td>
<td>Door Lock Actuator Lock Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>10</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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Connector Part Information
- Harness Type: Instrument Panel
- Service Connector: 6040205C1
- Description: 10-pin F 0.64 Kaizen Series (GY)

Table 522 Terminal Part Information
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<th>Diagnostic Test Probe</th>
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<td>J-35616-64B (LT BU)</td>
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Table 523 A26 HVAC Controls
<table>
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<th>Pin</th>
<th>Size</th>
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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
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<tr>
<td>1</td>
<td>0.5</td>
<td>RD / GY</td>
<td>2840</td>
<td>Battery Positive Voltage</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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<td>0.35</td>
<td>L-GN</td>
<td>5060</td>
<td>Low Speed GMLAN Serial Data</td>
<td>I</td>
<td>—</td>
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<td>4-8</td>
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<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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<td>—</td>
</tr>
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<td>9</td>
<td>0.35</td>
<td>L-GN / YE</td>
<td>7531</td>
<td>Local Interconnect Network Serial Data Bus 9</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>10</td>
<td>0.35</td>
<td>BK</td>
<td>2550</td>
<td>Ground</td>
<td>I</td>
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</tbody>
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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040287C1
- Description: 10-pin F 0.64 Kaizen Series (BK)

Table 525  Terminal Part Information

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<th>Terminal Type ID</th>
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<td>I</td>
<td>6041997C1</td>
<td>J-35616-64B (LT BU)</td>
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<td>II</td>
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<td>J-35616-64B (LT BU)</td>
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Table 526  A33 Media Disc Player (Feature Code: 0008RNS)

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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
<tbody>
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<td>WH / VT</td>
<td>3999</td>
<td>MOST Control</td>
<td>II</td>
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<td>—</td>
<td>Not Occupied</td>
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</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>WH / L-GN</td>
<td>3997</td>
<td>MOST Serial Data (-)</td>
<td>II</td>
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<tr>
<td>4</td>
<td>0.5</td>
<td>GY / VT</td>
<td>3998</td>
<td>MOST Serial Data (+)</td>
<td>II</td>
<td>—</td>
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<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
<td>Option</td>
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<td>WH / L-GN</td>
<td>3997</td>
<td>MOST Serial Data (-)</td>
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<tr>
<td>6</td>
<td>0.5</td>
<td>GY / VT</td>
<td>3998</td>
<td>MOST Serial Data (+)</td>
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<td>—</td>
<td>Not Occupied</td>
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</tr>
<tr>
<td>8</td>
<td>0.75</td>
<td>BK</td>
<td>2550</td>
<td>Ground</td>
<td>II</td>
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<td>—</td>
<td>Not Occupied</td>
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</tr>
<tr>
<td>10</td>
<td>0.75</td>
<td>RD / VT</td>
<td>340</td>
<td>Battery Positive Voltage</td>
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</tr>
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Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040275C1
- Description: 3-Way F 150 GT Series, Sealed (BK)

Table 528 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
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<td>I</td>
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<td>J-35616-14 (GN)</td>
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Table 529 B1 A/C Refrigerant Pressure Sensor (Feature Code: 0016XZA)

<table>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BK/BN</td>
<td>5514</td>
<td>A/C Refrigerant Pressure Sensor Low Reference</td>
<td>I</td>
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<tr>
<td>2</td>
<td>0.5</td>
<td>BN/RD</td>
<td>2700</td>
<td>A/C Pressure Sensor 5 volt Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>L-GN</td>
<td>380</td>
<td>A/C Refrigerant Pressure Sensor Signal</td>
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</tr>
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Connector Part Information
- Harness Type: Chassis
- Service Connector: 3866308C1
- Description: 2-pin F DT Series, Sealed (BK)

Table 531 Terminal Part Information
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<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
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Table 532 B5LF Wheel Speed Sensor – Left Front

<table>
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<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>GY / WH</td>
<td>7064</td>
<td>Wheel Speed Sensor Control Left Front</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>GY</td>
<td>830</td>
<td>Wheel Speed Sensor Signal Left Front</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Chassis Rear Left
- Service Connector: 3866308C1
- Description: 2-pin F DT Series, Sealed (BK)

Table 534  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>2034787C1</td>
<td>J-35616-66 (YE)</td>
</tr>
</tbody>
</table>

Table 535  B5LR Wheel Speed Sensor – Left Rear

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>GY / BK</td>
<td>7127</td>
<td>Wheel Speed Sensor Control Left Rear</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>BU</td>
<td>884</td>
<td>Wheel Speed Sensor Signal Left Rear</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Chassis
- Service Connector: 3866308C1
- Description: 2-pin F DT Series, Sealed (BK)

Table 537  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
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<tbody>
<tr>
<td>I</td>
<td>2034787C1</td>
<td>J-35616-66 (YE)</td>
</tr>
</tbody>
</table>

Table 538  B5RF Wheel Speed Sensor – Right Front

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>GY / BN</td>
<td>7065</td>
<td>Wheel Speed Sensor Control Right Front</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>YE</td>
<td>872</td>
<td>Wheel Speed Sensor Signal Right Front</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Chassis Rear Right
- Service Connector: 3866308C1
- Description: 2-pin F DT Series, Sealed (BK)

Table 540 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>2034787C1</td>
<td>J-35616-66 (YE)</td>
</tr>
</tbody>
</table>

Table 541 B5RR Wheel Speed Sensor – Right Rear

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>WH / BU</td>
<td>7128</td>
<td>Wheel Speed Sensor Control Right Rear</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>VT</td>
<td>882</td>
<td>Wheel Speed Sensor Signal Right Rear</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Outside Rearview Mirror - Passenger
- Service Connector: Service by Harness
- Description: 2-Way

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Table 544  B9D Ambient Air Temperature Sensor - Mirror

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>—</td>
<td>WH/RD</td>
<td>636</td>
<td>Outside Ambient Air Temperature Sensor Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>RD</td>
<td>61</td>
<td>Outside Ambient Temperature Sensor Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Instrument Panel
- Service Connector: 6040197C1
- Description: 6-pin F 0.64 Micro-Quadlock Series (BK)

Table 546  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042016C1</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 547  B10B Ambient Light / Sunload Sensor

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>GY</td>
<td>728</td>
<td>Security Indicator Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2-4</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>WH / D-BU</td>
<td>278</td>
<td>Ambient Light Sensor Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
<td>0.35</td>
<td>BK / YE</td>
<td>1791</td>
<td>Air Temperature Door Control Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Transmission
- Service Connector: Service by Harness
- Description: 6-Way

Table 549  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Table 550  B12A Transmission Fluid Pressure Switch

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>—</td>
<td>—</td>
<td>117</td>
<td>Transmission Fluid Pressure Switch Signal Bit 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>—</td>
<td>—</td>
<td>179</td>
<td>Transmission Fluid Pressure Switch Signal Bit 2</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>C</td>
<td>—</td>
<td>—</td>
<td>157</td>
<td>Transmission Fluid Pressure Switch Signal Bit 3</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
## Table 550  B12A Transmission Fluid Pressure Switch (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>—</td>
<td>—</td>
<td>177</td>
<td>Transmission Fluid Pressure Switch Signal Bit 4</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>E</td>
<td>—</td>
<td>—</td>
<td>154</td>
<td>Transmission Temperature Sensor Signal</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>—</td>
<td>—</td>
<td>158</td>
<td>Transmission Fluid Temperature Sensor Low Reference</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040192C1
- Description: 2-pin F 150 GT Series, Sealed (BK)

Table 552 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041912C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

Table 553 B14A Transmission Output Shaft Speed Sensor

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.75</td>
<td>YE</td>
<td>160</td>
<td>Transmission Output Shaft Reference Voltage</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>0.75</td>
<td>L-GN</td>
<td>140</td>
<td>Transmission Output Shaft Signal</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Engine Chassis
- Service Connector: 6040192C1
- Description: 2-pin F 150 GT Series, Sealed (BK)

Table 555 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041912C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

Table 556 B14B Transmission Turbine Speed Sensor

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.75</td>
<td>OG</td>
<td>180</td>
<td>Transmission Input Shaft Sensor Reference Voltage</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>0.75</td>
<td>D-BU</td>
<td>120</td>
<td>Transmission Input Shaft Sensor Signal</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Table 557  B15 Transmission Internal Mode Switch

Connector Part Information
• Harness Type: Engine Chassis
• Service Connector: Service by Harness
• Description: 6-Way

Table 558  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
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</table>

Table 559  B15 Transmission Internal Mode Switch

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>—</td>
<td>—</td>
<td>138</td>
<td>Transmission Park / Neutral Signal 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>—</td>
<td>—</td>
<td>134</td>
<td>Transmission Position Switch Parity Bit Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>C</td>
<td>173</td>
<td></td>
<td></td>
<td>Transmission Position Switch Bit 1 Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>D</td>
<td>153</td>
<td></td>
<td></td>
<td>Transmission Position Switch Bit 2 Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>E</td>
<td>114</td>
<td></td>
<td></td>
<td>Transmission Position Switch Bit 3 Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>F</td>
<td>158</td>
<td></td>
<td></td>
<td>Transmission Fluid Temperature Sensor Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
**Connector Part Information**
- Harness Type: Brake Booster
- Service Connector: 2036583C1
- Description: 2-Way F 150.2 Metri-Pack Series, Sealed (BK)

**Table 561 Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>2036586C1</td>
<td>J-35616-2A (GY)</td>
</tr>
</tbody>
</table>

**Table 562 B20 Brake Pedal Position Sensor**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.75</td>
<td>GY</td>
<td>9</td>
<td>Park Lamp Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>0.75</td>
<td>GY</td>
<td>90</td>
<td>Right Mirror Motor Left Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Brake Booster
- Service Connector: 3518873C91
- Description: 2-Way F Sealed (NA)

Table 564  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Table 565  B21C Brake Pressure Differential Switch

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>3</td>
<td>GY</td>
<td>90CA</td>
<td>Power Brake Booster Fluid Flow Switch Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>3</td>
<td>GY</td>
<td>90BA</td>
<td>Brake Pressure Differential Switch Signal</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Brake Clutch
- Service Connector: Service by Harness
- Description: 6-pin F 64 Series, Sealed (NA)

Table 567  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042044C1</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 568  B22 Brake Pedal Position Sensor (0013TLP)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BK/L-GN</td>
<td>552</td>
<td>Sensor Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>GY/RD</td>
<td>598</td>
<td>5 Volt Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>WH/L-GN</td>
<td>526</td>
<td>Stop Lamp Switch Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>D-BU/YE</td>
<td>5361</td>
<td>Brake Apply Sensor Signal</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
### Table 568  B22 Brake Pedal Position Sensor (0013TLP) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>0.5</td>
<td>BK / BN</td>
<td>5360</td>
<td>Brake Apply Sensor Low Reference</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
<td>0.5</td>
<td>WH</td>
<td>5359</td>
<td>Brake Apply Sensor Control</td>
<td>1</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Brake Clutch
- Service Connector: Service by Harness
- Description: 6-pin F 64 Series, Sealed (NA)

Table 570  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042044C1</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 571  B22 Brake Pedal Position Sensor (without 0013TLP)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BK / L-GN</td>
<td>552</td>
<td>Sensor Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>GY / RD</td>
<td>598</td>
<td>5 Volt Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>WH / L-GN</td>
<td>526</td>
<td>Stop Lamp Switch Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>D-BU / YE</td>
<td>5361</td>
<td>Brake Apply Sensor Signal</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
### Table 571  B22 Brake Pedal Position Sensor (without 0013TLP) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>0.5</td>
<td>BK/BN</td>
<td>5360</td>
<td>Brake Apply Sensor Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
<td>0.5</td>
<td>WH</td>
<td>5359</td>
<td>Brake Apply Sensor Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine
- Service Connector: 6042039C1
- Description: 3-pin F 1.2 MCP Series, Sealed (BN)

Table 573 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042039C1</td>
<td>J-35616-16 (LT GN)</td>
</tr>
</tbody>
</table>

Table 574 B23 Camshaft Position Sensor

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>GY / BU</td>
<td>5300</td>
<td>Camshaft Position Intake Sensor Control 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK / GN</td>
<td>5301</td>
<td>Camshaft Position Intake Sensor Low Reference 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>YE / VT</td>
<td>5275</td>
<td>Camshaft Position Intake Sensor 1</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
• Harness Type: Headliner
• Service Connector: 6040210C1
• Description: 2-Way M 150 Metri-Pack Series (BK)

Table 576  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041897C1</td>
<td>J-35616-3 (GY)</td>
</tr>
</tbody>
</table>

Table 577  B24 Mobile Telephone Microphone (Feature Code: 0008RNW / 0008RNX / 0008RNM / 0008AAE)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.35</td>
<td>BK / BN</td>
<td>654</td>
<td>Cellular Telephone Microphone Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>0.35</td>
<td>D-BU</td>
<td>655</td>
<td>Cellular Telephone Microphone Signal</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
### Connector Part Information
- Harness Type: Engine Left
- Service Connector: Service by Harness
- Description: 3-pin F 1.2 MCP Series, Sealed (BN)

### Table 579 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042039C1</td>
<td>J-35616-16 (LT GN)</td>
</tr>
</tbody>
</table>

### Table 580 B26 Crankshaft Position Sensor

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>VT / BU</td>
<td>6270</td>
<td>Crankshaft 60X Sensor 5 volt Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK / VT</td>
<td>6272</td>
<td>Crankshaft 60X Sensor Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>GN</td>
<td>6271</td>
<td>Crankshaft 60X Sensor Signal</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: 6041823C1
- Description: 2-pin F 150 Metri-Pack Series, Sealed (GY)

### Table 582  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>1661875C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

### Table 583  B33 Engine Coolant Level Switch

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.5</td>
<td>D-BU / YE</td>
<td>68</td>
<td>Low Coolant Level Indicator Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>0.75</td>
<td>BK / WH</td>
<td>1851</td>
<td>Signal Ground</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine Left
- Service Connector: Service by Harness
- Description: 2-pin F 1.2 Multilock Series, Sealed (BK)

Table 585  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>6042077C1</td>
<td>J-35616-16 (LT GN)</td>
</tr>
</tbody>
</table>

Table 586  B34 Engine Coolant Temperature Sensor

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BK / BN</td>
<td>2761</td>
<td>Coolant Temperature Sensor Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BU</td>
<td>410</td>
<td>Engine Coolant Temperature Sensor Signal</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine Left
- Service Connector: Service by Harness
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>6042077C1</td>
<td>J-35616-16 (LT GN)</td>
</tr>
</tbody>
</table>

Table 589  B35 Engine Oil Level Switch

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BK / WH</td>
<td>251</td>
<td>Signal Ground</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BN / GN</td>
<td>1174</td>
<td>Oil Level Switch Signal</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Engine Left
- Service Connector: Service by Harness
- Description: 3-pin F 1.2 Multilock Series, Sealed (BK)

Table 591  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042078C1</td>
<td>J-35616-16 (LT GN)</td>
</tr>
</tbody>
</table>

Table 592  B37B Engine Oil Pressure Sensor

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>YE / BN</td>
<td>331</td>
<td>Oil Pressure Sensor Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK / VT</td>
<td>2755</td>
<td>Oil Pressure Sensor Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>WH / RD</td>
<td>2705</td>
<td>Oil Pressure Sensor 5 volt Reference</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Chassis
- Service Connector: 4088567C1
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

Table 594  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>4089847C1</td>
<td>J-35616-16 (LT GN)</td>
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</tbody>
</table>

Table 595  B47 Fuel Pressure Sensor

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BN / RD</td>
<td>7445</td>
<td>Fuel Line Pressure Sensor 5 volt Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK / YE</td>
<td>7447</td>
<td>Fuel Line Pressure Sensor Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>BU</td>
<td>7446</td>
<td>Fuel Line Pressure Sensor Signal</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine Left
- Service Connector: Service by Harness
- Description: 4-Way F 1.2 MCP Series, Sealed (BK)

Table 597  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>6042039C1</td>
<td>J-35616-16 (LT GN)</td>
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</table>

Table 598  B47B Fuel Rail Pressure Sensor

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BN / RD</td>
<td>2917</td>
<td>Fuel Rail Pressure Sensor 5 volt Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BN / YE</td>
<td>2161</td>
<td>Fuel Rail Pressure Sensor 2 Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>BK / GN</td>
<td>2919</td>
<td>Fuel Rail Pressure Sensor Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>BU / WH</td>
<td>2918</td>
<td>Fuel Rail Pressure Sensor Signal</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Engine Left
- Service Connector: 587568C91
- Description: 2-Way F Weather Pack Series (BK)

Table 600  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>587575C1</td>
<td>J-35616-8 (OR)</td>
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</table>

Table 601  B55 Engine Hood Switch

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td>YE</td>
<td>5530</td>
<td>Hood Open Switch Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>1.5</td>
<td>BN / GN</td>
<td>109</td>
<td>Hood Ajar Switch Signal</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
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Connector Part Information

- Harness Type: Forward Lamp
- Service Connector: 4087999C1
- Description: 2-pin F 1.2 MCON-CB Series, Sealed (BK)

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>4088468C1</td>
<td>J-35616-16 (LT GN)</td>
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</tbody>
</table>

Table 604 B59 Front Impact Sensor

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td>OG / GY</td>
<td>6618</td>
<td>Middle Front Discriminating Sensor Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>1.5</td>
<td>BK / OG</td>
<td>6619</td>
<td>Middle Front Discriminating Sensor Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Forward Lamp
- Service Connector: Service by Harness
- Description: 2-Way F 0.64 Series, Sealed (L-GY)

Table 606  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
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Table 607  B63LF Side Impact Sensor - Left Front

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>OG / L-GN</td>
<td>2132</td>
<td>Left Front Side Impact Sensing Module Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK / OG</td>
<td>6628</td>
<td>Left Front Side Impact Sensing Module Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Forward Lamp
- Service Connector: Service by Harness
- Description: 2-Way F 0.64 Series, Sealed (L-GY)

### Table 609  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
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</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

### Table 610  B63LR Side Impact Sensor - Left Rear

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>OG / L-GN</td>
<td>6620</td>
<td>Left Middle Side Impact Sensing Module Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK / OG</td>
<td>6621</td>
<td>Left Middle Side Impact Sensing Module Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Forward Lamp
- Service Connector: Service by Harness
- Description: 2-Way F 0.64 Series, Sealed (L-GY)

### Table 612  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-64B (LT BU)</td>
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</tbody>
</table>

### Table 613  B63RF Side Impact Sensor - Left Rear

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>OG / L-GN</td>
<td>2134</td>
<td>Right Front Side Impact Sensing Module Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK / OG</td>
<td>6629</td>
<td>Right Front Side Impact Sensing Module Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Forward Lamp
- Service Connector: Service by Harness
- Description: 2-Way F 0.64 Series, Sealed (D-GY)

Table 615  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 616  B63RR Side Impact Sensor - Left Rear

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>OG / VT</td>
<td>6624</td>
<td>Right Middle Side Impact Sensing Module Signal</td>
<td>I</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK / OG</td>
<td>6625</td>
<td>Right Middle Side Impact Sensing Module Low Reference</td>
<td>I</td>
<td></td>
</tr>
</tbody>
</table>
### Connector Part Information
- Harness Type: Engine
- Service Connector: 6040293C1
- Description: 4-pin F 1.2 Multilock Series, Sealed (BK)

#### Table 618  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>6042077C1</td>
<td>J-35616-16 (LT GN)</td>
</tr>
</tbody>
</table>

#### Table 619  B65 Intake Manifold Pressure and Air Temperature Sensor

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BN</td>
<td>7348</td>
<td>Induction Air Temperature Sensor 2 Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>GY / RD</td>
<td>2704</td>
<td>Manifold Absolute Pressure Sensor 5 volt Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>BK / GN</td>
<td>469</td>
<td>Manifold Absolute Pressure Sensor Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>GN / WH</td>
<td>432</td>
<td>Manifold Absolute Pressure Sensor Signal</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040207C1
- Description: 8-pin F 0.64 Series, Sealed (BK)

### Table 621 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042047C1 0.5mm</td>
<td>J-35616-64B (LT BU)</td>
</tr>
<tr>
<td></td>
<td>6041997C1 0.75mm</td>
<td></td>
</tr>
</tbody>
</table>

### Table 622 B75C Multifunction Intake Air Sensor

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>WH / D-BU</td>
<td>6289</td>
<td>Induction Air Temperature Sensor Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>WH / RD</td>
<td>3201</td>
<td>Throttle Inlet Absolute Pressure Sensor 5 volt Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>BK / VT</td>
<td>2760</td>
<td>Intake Air Temperature Sensor Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>BN / L-GN</td>
<td>5266</td>
<td>Ambient Air Pressure Sensor Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>VT / D-BU</td>
<td>5294</td>
<td>Powertrain Main Relay Fused Supply 5</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
<td>Option</td>
</tr>
<tr>
<td>-----</td>
<td>------</td>
<td>------------</td>
<td>---------</td>
<td>---------------------------</td>
<td>------------------</td>
<td>--------</td>
</tr>
<tr>
<td>6</td>
<td>0.5</td>
<td>L-GN / WH</td>
<td>492</td>
<td>Mass Air Flow Sensor Signal</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>7</td>
<td>0.75</td>
<td>BK / WH</td>
<td>451</td>
<td>Signal Ground</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>8</td>
<td>0.5</td>
<td>BN / GY</td>
<td>4008</td>
<td>Humidity Sensor Signal</td>
<td>1</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Body
- Service Connector: 6040270C1
- Description: 1-Way F 250 Series (BK)

Table 624 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6041900C1</td>
<td>J-35616-42 (RD)</td>
</tr>
</tbody>
</table>

Table 625 B80 Park Brake Switch

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>D-BU / VT</td>
<td>1134</td>
<td>Park Brake Switch Signal</td>
<td>1</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Rearview Camera Jumper
- Service Connector: Service by Harness
- Description: 5-Way M 1.2 Series, Sealed (GY)

Table 627  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>1661875C1</td>
<td>J-35616-17 (LT GN)</td>
</tr>
</tbody>
</table>

Table 628  B87 Rearview Camera (Feature Code: 0008RNY)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>RD</td>
<td>6972</td>
<td>Camera Signal 2 +</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>D-BU</td>
<td>6973</td>
<td>Camera Signal 2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>WH</td>
<td>6974</td>
<td>Camera Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>BK</td>
<td>2550</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>PK</td>
<td>1739</td>
<td>Run / Crank Ignition 1 Voltage</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Cushion
- Service Connector: Service by Harness
- Description: 2-pin F 1.6 Timer Series (BK)

Table 630  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041905C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

Table 631  B88D Seat Belt Switch – Driver

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>BK / OG</td>
<td>1363</td>
<td>Driver Seat Belt Switch Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>OG / BN</td>
<td>238</td>
<td>Driver Seat Belt Switch Signal</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Brake Clutch
- Service Connector: Service by Harness
- Description: 6-pin F 150 GT Series, Sealed (BK)

Table 633 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041909C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

Table 634 B107 Accelerator Pedal Position Sensor (0013TLP)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.35</td>
<td>BK / VT</td>
<td>1272</td>
<td>Accelerator Pedal Position Low Reference 2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>0.35</td>
<td>L-GN / WH</td>
<td>1162</td>
<td>Accelerator Pedal Position Signal 2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>C</td>
<td>0.35</td>
<td>BN / RD</td>
<td>1274</td>
<td>Accelerator Pedal Position 5 volt Reference 2</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
### Table 634  B107 Accelerator Pedal Position Sensor (0013TLP) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>0.35</td>
<td>WH / RD</td>
<td>1164</td>
<td>Accelerator Pedal Position 5 volt Reference 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>E</td>
<td>0.35</td>
<td>YE / WH</td>
<td>1161</td>
<td>Accelerator Pedal Position Signal 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>F</td>
<td>0.35</td>
<td>BK / D-BU</td>
<td>1271</td>
<td>Accelerator Pedal Position Low Reference 1</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Brake Clutch
- Service Connector: Service by Harness
- Description: 6-pin F 150 GT Series, Sealed (BK)

**Table 636 Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041909C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

**Table 637 B107 Accelerator Pedal Position Sensor (without 0013TLP)**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.35</td>
<td>BK / VT</td>
<td>1272</td>
<td>Accelerator Pedal Position Low Reference 2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>0.35</td>
<td>L-GN / WH</td>
<td>1162</td>
<td>Accelerator Pedal Position Signal 2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>C</td>
<td>0.35</td>
<td>BN / RD</td>
<td>1274</td>
<td>Accelerator Pedal Position 5 volt Reference 2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
<td>Option</td>
</tr>
<tr>
<td>-----</td>
<td>------</td>
<td>-----------</td>
<td>---------</td>
<td>---------------------------------------------------</td>
<td>------------------</td>
<td>--------</td>
</tr>
<tr>
<td>D</td>
<td>0.35</td>
<td>WH / RD</td>
<td>1164</td>
<td>Accelerator Pedal Position 5 volt Reference 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>E</td>
<td>0.35</td>
<td>YE / WH</td>
<td>1161</td>
<td>Accelerator Pedal Position Signal 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>F</td>
<td>0.35</td>
<td>BK / D-BU</td>
<td>1271</td>
<td>Accelerator Pedal Position Low Reference 1</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: Not Available
- Description: 3-Way F 150 GT Series, Sealed (GY)

Table 639  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041966C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

Table 640  B115 Vehicle Speed Sensor (0013TLP)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>GY / BK</td>
<td>3096</td>
<td>Output Speed (Digital) Sensor 5V Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>GN</td>
<td>3098</td>
<td>Output Speed (Digital) Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>WH / BK</td>
<td>3097</td>
<td>Output Speed (Digital) Sensor Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Body
- Service Connector: 6040280C1
- Description: 2-Way F 150 GT Series, Sealed (BK)

**Table 642 Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042023C1 0.5mm</td>
<td>J-35616-14 (GN)</td>
</tr>
<tr>
<td></td>
<td>6042022C1 0.75mm</td>
<td></td>
</tr>
</tbody>
</table>

**Table 643 B118B Windshield Washer Fluid Level Switch**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.5</td>
<td>VT</td>
<td>185</td>
<td>Low Washer Fluid Indicator Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>0.75</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Engine
- Service Connector: 6040270C1
- Description: 2-pin F 1.2 Multilock Series, Sealed

Table 645  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6042077C1</td>
<td>J-35616-16 (LT GN)</td>
</tr>
</tbody>
</table>

Table 646  B130A Exhaust Gas Recirculation Temperature Sensor 1

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>YE / GN</td>
<td>3236</td>
<td>Exhaust Gas Recirculation Temperature Sensor 2 Signal</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK / YE</td>
<td>6275</td>
<td>Exhaust Gas Recirculation Temperature Sensor 2 Low Reference</td>
<td>1</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Engine
- Service Connector: 6040298C1
- Description: 2-pin F 1.2 Multilock Series, Sealed (GY)

Table 648 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042077C1</td>
<td>J-35616-16 (LT GN)</td>
</tr>
</tbody>
</table>

Table 649 B130B Exhaust Gas Recirculation Temperature Sensor 2

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>WH / BN 3237</td>
<td>Exhaust Gas Recirculation Temperature Sensor Signal</td>
<td>I</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK / BU 6274</td>
<td>Exhaust Gas Recirculation Temperature Sensor Low Reference</td>
<td>I</td>
<td>—</td>
<td></td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine
- Service Connector: 6040260C1
- Description: 2-pin F 1.2 Multilock Series, Sealed (BK)

### Table 651  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042077C1</td>
<td>J-35616-16 (LT GN)</td>
</tr>
</tbody>
</table>

### Table 652  B131A Exhaust Temperature Sensor 1

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BU/WH</td>
<td>5277</td>
<td>Diesel Oxidation Catalyst Intake Temperature (Exhaust Temperature Sensor 1) Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK/BN</td>
<td>6782</td>
<td>Diesel Oxidation Catalyst Intake Temperature (Exhaust Temperature Sensor 1) Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine
- Service Connector: 6040258C1
- Description: 2-pin F 1.2 Multilock Series, Sealed

Table 654  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042077C1</td>
<td>J-35616-16 (LT GN)</td>
</tr>
</tbody>
</table>

Table 655  B131B Exhaust Temperature Sensor 2

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BU / GN</td>
<td>5377</td>
<td>Diesel Oxidation Catalyst (Exhaust Temperature Sensor 2) Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK / BU</td>
<td>6783</td>
<td>Diesel Oxidation Catalyst (Exhaust Temperature Sensor 2) Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Chassis
- Service Connector: 4109620C1
- Description: 2-pin F 1.2 Multilock Series, Sealed

Table 657  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>4088570C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

Table 658  B131C Exhaust Temperature Sensor 3

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>GY / GN</td>
<td>5378</td>
<td>Diesel Particulate Filter Inlet Temperature (Exhaust Temperature Sensor 3) Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK / GN</td>
<td>3657</td>
<td>Diesel Particulate Filter Inlet Temperature (Exhaust Temperature Sensor 3) Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Chassis
- Service Connector: 4109620C1
- Description: 2-pin F 1.2 Multilock Series, Sealed

---

**Table 660 Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>4088570C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

**Table 661 B131D Exhaust Temperature Sensor 4**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>VT / BN</td>
<td>3658</td>
<td>Diesel Particulate Filter Outlet Temperature (Exhaust Gas Temperature Sensor 4) Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK / GY</td>
<td>3659</td>
<td>Diesel Particulate Filter Outlet Temperature (Exhaust Gas Temperature Sensor 4) Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
### Connector Part Information

- Harness Type: Chassis
- Service Connector: 4088566C1
- Description: 2-pin F 1.2 Multilock Series, Sealed

### Table 663  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>4088570C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

### Table 664  B131E Exhaust Temperature Sensor 5

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BU / GY</td>
<td>3660</td>
<td>Exhaust Gas Temperature Sensor 5 Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK / VT</td>
<td>3661</td>
<td>Exhaust Gas Temperature Sensor 5 Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Chassis
- Service Connector: 4088465C1
- Description: 6-pin F 1.2 MCON-CB Series, Sealed (BK)

Table 666  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>4088467C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

Table 667  B136 Exhaust Particulate Matter Sensor

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td>BK</td>
<td>2150</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>WH</td>
<td>4499</td>
<td>High Speed GMLAN Serial Data (-) 7</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>WH</td>
<td>4499</td>
<td>High Speed GMLAN Serial Data (-) 7</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>BU / BN</td>
<td>4498</td>
<td>High Speed GMLAN Serial Data (+) 7</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>BU / BN</td>
<td>4498</td>
<td>High Speed GMLAN Serial Data (+) 7</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
<td>1.5</td>
<td>VT / BU</td>
<td>3674</td>
<td>NOx Sensor 1 Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Chassis
- Service Connector: 4088567C1
- Description: 3-pin F 1.2 Multilock Series, Sealed (BK)

### Table 669 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>4089847C1</td>
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</table>

### Table 670 B154 Diesel Particulate Filter Exhaust Differential Pressure Sensor

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BU</td>
<td>6053</td>
<td>Exhaust Pressure Sensor Signal 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK / YE</td>
<td>6055</td>
<td>Exhaust Pressure Sensor Low Reference 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>WH / RD</td>
<td>6054</td>
<td>Exhaust Pressure Sensor 5 volt Reference 1</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Engine
- Service Connector: 6040274C1
- Description: 2-pin F 090 Series, Sealed (D-GY)

Table 672 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042068C1</td>
<td>J-35616-18 (BK)</td>
</tr>
</tbody>
</table>

Table 673 B193A Charge Air Cooler Inlet Temperature Sensor

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>GN</td>
<td>3683</td>
<td>Charge Air Cooler Inlet Temperature Sensor Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>YE / BK</td>
<td>3682</td>
<td>Charge Air Cooler Inlet Temperature Sensor Low Reference</td>
<td>I</td>
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</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040274C1
- Description: 2-Way F 090 Series, Sealed (D-GY)

Table 675 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6042016C1</td>
<td>J-35616-18 (BK)</td>
</tr>
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</table>

Table 676 B193B Charge Air Cooler Outlet Temperature Sensor

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BN</td>
<td>3681</td>
<td>Charge Air Cooler Outlet Temperature Sensor Signal</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>YE / D-BU</td>
<td>3680</td>
<td>Charge Air Cooler Outlet Temperature Sensor Low Reference</td>
<td>1</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Body
- Service Connector: 6040244C1
- Description: 6-pin F 1.2 MCON-CB Series, Sealed (BN)

Table 678 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041892C1</td>
<td>J-35616-16 (LT GN)</td>
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</table>

Table 679 B195A Nitrogen Oxides Sensor 1

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>VT / D-BU</td>
<td>3674</td>
<td>NOx Sensor 1 Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>D-BU / BN</td>
<td>4498</td>
<td>High Speed GMLAN Serial Data (+) 7</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>D-BU / BN</td>
<td>4498</td>
<td>High Speed GMLAN Serial Data (+) 7</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>WH</td>
<td>4499</td>
<td>High Speed GMLAN Serial Data (-) 7</td>
<td>I</td>
<td>—</td>
</tr>
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Table 679  B195A Nitrogen Oxides Sensor 1 (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>0.5</td>
<td>WH</td>
<td>4499</td>
<td>High Speed GMLAN Serial Data (-) 7</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
<td>0.5</td>
<td>BK/WH</td>
<td>451</td>
<td>Signal Ground</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Chassis
- OEM Connector: 4088640C1
- Description: 6-Way F 1.2 MCON-CB Series, Sealed (BK)

Table 681 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>4088467C1 0.5mm</td>
<td>J-35616-14 (GN)</td>
</tr>
<tr>
<td></td>
<td>4088468C1 1.5mm</td>
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</table>

Table 682 B195B Nitrogen Oxides Sensor 2

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td>VT / BU</td>
<td>3674</td>
<td>NOx Sensor 1 Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BU / BN</td>
<td>4498</td>
<td>High Speed GMLAN Serial Data (+) 7</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>BU / BN</td>
<td>4498</td>
<td>High Speed GMLAN Serial Data (+) 7</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>WH</td>
<td>4499</td>
<td>High Speed GMLAN Serial Data (-) 7</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
<td>Option</td>
</tr>
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</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>WH</td>
<td>4499</td>
<td>High Speed GMLAN Serial Data (-) 7</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
<td>1.5</td>
<td>BK</td>
<td>2150</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Chassis
- Service Connector: Service by Harness
- Description: 6-pin F 1.2 MCON-CB Series, Sealed (BN)

<table>
<thead>
<tr>
<th>Table 684  Terminal Part Information</th>
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<tbody>
<tr>
<td><strong>Terminal Type ID</strong></td>
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<table>
<thead>
<tr>
<th>Table 685  B295 Reductant Quality Sensor</th>
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<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Brake Booster
- Service Connector: 2036584C1
- Description: 2-Way F 150.2 Metri-Pack Series, Sealed (GY)

Table 687  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
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</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

Table 688  B343 Power Brake Booster Fluid Flow Switch

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1</td>
<td>GY</td>
<td>90CA</td>
<td>Power Brake Booster Fluid Flow Switch Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>1</td>
<td>GY</td>
<td>90G</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Brake Booster
- Service Connector: 1661777C1
- Description: 4-Way F 150 Metri-Pack Series, Sealed (BN)

Table 690  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-4A (PU)</td>
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</tbody>
</table>

Table 691  B353 Air Suspension Low Pressure Warning Switch

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>1</td>
<td>GY</td>
<td>603</td>
<td>Air Suspension Low Pressure Warning Switch Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>D</td>
<td>1</td>
<td>BK</td>
<td>603G</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Brake Booster
- Service Connector: 3602747C1
- Description: 2-Way F 1.5 DT Series, Sealed (BK)

Table 693  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

Table 694  B356 Brake Pipe Pressure Switch

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>GY</td>
<td>90DB</td>
<td>Brake Pipe Pressure Switch Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>GY</td>
<td>90G</td>
<td>Battery Positive Voltage</td>
<td>II</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Overhead Console
- Service Connector: Service by Harness
- Description: 2-pin F 1.5 Series (BK)

### Table 696  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>3544883C1</td>
<td>J-35616-14 (GN)</td>
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### Table 697  E1L Accent Lamp - Overhead Console

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>VT / L-GN</td>
<td>7558</td>
<td>LED Ambient Lighting Control 2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Right A-pillar
- Service Connector: Service by Harness
- Description: 2-pin M 1.6 Timer Series (BK)

Table 699  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042004C1</td>
<td>J-35616-34 (YE)</td>
</tr>
</tbody>
</table>

Table 700  E3A Roof Clearance Lamp – Left Front Outer

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>VT / GY</td>
<td>709</td>
<td>Left Park Lamp Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Right A-Pillar
- Service Connector: Service by Harness
- Description: 2-Way M 1.6 Timer Series (BK)

<table>
<thead>
<tr>
<th>Table 702 Terminal Part Information</th>
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</thead>
<tbody>
<tr>
<td>Terminal Type ID</td>
</tr>
<tr>
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</tr>
<tr>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Table 703 E3C Roof Clearance Lamp – Front Middle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin</td>
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<tr>
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</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Right A-pillar
- Service Connector: Service by Harness
- Description: 2-Way M 1.6 Timer Series (BK)

Table 705  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042004C1</td>
<td>J-35616-34 (YE)</td>
</tr>
</tbody>
</table>

Table 706  E3E Roof Clearance Lamp – Right Front Outer

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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<td>709</td>
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<td>BK</td>
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<td>Ground</td>
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**Connector Part Information**

- Harness Type: Left Headlight
- Service Connector: Service by Harness
- Description: 2-Way M 1.6 Timer Series (BK)

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**Table 709  E4E Headlamp - Left High Beam**

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<td>711</td>
<td>Left Headlamp High Beam Control</td>
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<td>—</td>
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<td>B</td>
<td>—</td>
<td>BK</td>
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<td>Ground</td>
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Connector Part Information

- Harness Type: Right Headlight
- Service Connector: Service by Harness
- Description: 2-Way F

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Table 712  E4F Headlamp - Right High Beam

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<td>B</td>
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<td>BK</td>
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Connector Part Information
- Harness Type: Left Headlight
- Service Connector: Service by Harness
- Description: 2-Way F

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Table 714  Terminal Part Information

Table 715  E4G Headlamp - Left Low Beam

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<td>B</td>
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<td>BK</td>
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<td>Ground</td>
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Connector Part Information

- Harness Type: Right Headlight
- Service Connector: Service by Harness
- Description: 2-Way F

Table 717  Terminal Part Information

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Table 718  E4H Headlamp - Right Low Beam

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<td>—</td>
<td>BK</td>
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<td>Ground</td>
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Connector Part Information

- Harness Type: CHMSL
- Service Connector: Service by Harness
- Description: 2-Way F

### Table 720 Terminal Part Information

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### Table 721 E6 Center High Mounted Stop Lamp X1

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<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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<td>A</td>
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<td>BN</td>
<td>1430</td>
<td>Stop Lamp Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>—</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
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Connector Part Information
- Harness Type: CHMSL
- Service Connector: Service by Harness
- Description: 2-Way F

Table 723 Terminal Part Information

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Table 724 E6 Center High Mounted Stop Lamp X2

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<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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<td>RD</td>
<td>1054</td>
<td>Stop Lamp Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>—</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
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Connector Part Information

- Harness Type: CHMSL
- Service Connector: Service by Harness
- Description: 2-Way F

### Table 726  Terminal Part Information

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### Table 727  E6 Center High Mounted Stop Lamp X3

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<td>Exterior Courtesy Lamp Control</td>
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<td>B</td>
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<td>Ground</td>
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Connector Part Information

- Harness Type: Chassis
- Service Connector: 4088469C1
- Description: 7-pin F 2.8 Junior Power Timer Series, Sealed (BK)

Table 729  Terminal Part Information

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Table 730  E11A Fuel Heater / Water in Fuel Sensor

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<td>2</td>
<td>0.5</td>
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<td>455</td>
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<td>Water In Fuel Sensor Signal</td>
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Connector Part Information

- Harness Type: Engine
- Service Connector: Service by Cable Assembly
- Description: 1-Way Ring Terminal

Table 732  Terminal Part Information

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Table 733  E12A Glow Plug 1

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<td>GY / BU</td>
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Connector Part Information
- Harness Type: Engine
- Service Connector: Service by Cable Assembly
- Description: 1-Way Ring Terminal

Table 735  Terminal Part Information

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Table 736  E12B Glow Plug 2

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Connector Part Information

- Harness Type: Engine
- Service Connector: Service by Cable Assembly
- Description: 1-Way Ring Terminal

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Connector Part Information

- Harness Type: Engine
- Service Connector: Service by Cable Assembly
- Description: 1-pin Ring Terminal

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Table 741  E12D Glow Plug 4

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<th>Terminal Type ID</th>
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<td>1584</td>
<td>Glow Plug Control 4</td>
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Connector Part Information
- Harness Type: Engine
- Service Connector: Service by Cable Assembly
- Description: 1-pin Ring Terminal

Table 743 Terminal Part Information

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Table 744 E12E Glow Plug 5

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Connector Part Information

- Harness Type: Engine
- Service Connector: Service by Cable Assembly
- Description: 1-pin Ring Terminal

Table 746  Terminal Part Information

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Table 747  E12F Glow Plug 6

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<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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<td>GY / VT</td>
<td>1586</td>
<td>Glow Plug Control 6</td>
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Connector Part Information

- Harness Type: Engine
- Service Connector: Service by Cable Assembly
- Description: 1-pin Ring Terminal

### Table 749  Terminal Part Information

<table>
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### Table 750  E12G Glow Plug 7

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<th>Circuit</th>
<th>Function</th>
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<th>Option</th>
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<tr>
<td>A</td>
<td>2</td>
<td>WH / BU</td>
<td>1588</td>
<td>Glow Plug Control 8</td>
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Connector Part Information

- Harness Type: Engine
- Service Connector: Service by Cable Assembly
- Description: 1-pin Ring Terminal

Table 752  Terminal Part Information

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Table 753  E12H Glow Plug 8

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<th>Size</th>
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<th>Function</th>
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<td>1587</td>
<td>Glow Plug Control 7</td>
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Connector Part Information
- Harness Type: Driver Seat Back
- Service Connector: Service by Harness
- Description: 4-Way M 1.2 Series (GY)

Table 755  Terminal Part Information

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Table 756  E14A Seat Heating Element – Driver Back (Feature Code: 0016XJR)

<table>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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<td>2</td>
<td>0.5</td>
<td>L-BU</td>
<td>2425</td>
<td>Driver Heated Back NTC Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>BK / YE</td>
<td>2080</td>
<td>Driver Heated Seat NTC Low Reference</td>
<td>I</td>
<td>—</td>
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<tr>
<td>4</td>
<td>0.75</td>
<td>BN / BK</td>
<td>2078</td>
<td>Driver Heated Seat Element Low Reference</td>
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<td>—</td>
</tr>
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Connector Part Information
- Harness Type: Driver Seat Cushion
- Service Connector: Service by Harness
- Description: 4-pin M 1.2 Series (BK)

Table 758  Terminal Part Information

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<th>Terminal Type ID</th>
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Table 759  E14B Seat Heating Element – Driver Cushion (Feature Code: 0016XJR)

<table>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
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<td>Driver Heated Seat Element Control</td>
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<td>0.5</td>
<td>YE / GY</td>
<td>2079</td>
<td>Driver Heated Seat NTC Signal</td>
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<td>3</td>
<td>0.5</td>
<td>BN / YE</td>
<td>2080</td>
<td>Driver Heated Seat NTC Low Reference</td>
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<tr>
<td>4</td>
<td>0.75</td>
<td>BN / BK</td>
<td>2078</td>
<td>Driver Heated Seat Element Low Reference</td>
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</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Cushion
- Service Connector: Service by Harness
- Description: 4-Way M 1.2 Series (GY)

Table 761 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041938C1</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Table 762 E14C Seat Heating Element – Passenger Back

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>WH / BN</td>
<td>2481</td>
<td>Passenger Heated Back Element Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>WH / BU</td>
<td>2436</td>
<td>Passenger Heated Back NTC Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>BK / GN</td>
<td>2482</td>
<td>Passenger Heated Back NTC Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.75</td>
<td>GY / BK</td>
<td>2480</td>
<td>Passenger Heated Seat Element Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Passenger Seat Cushion
- Service Connector: Service by Harness
- Description: 4-Way M 1.2 Series (BK)

**Table 764 Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041938C1</td>
<td>J-35616-13 (BU)</td>
</tr>
</tbody>
</table>

**Table 765 E14D Seat Heating Element – Passenger Cushion (Feature Code: 0016XJR)**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>BN / L-BU</td>
<td>2479</td>
<td>Passenger Heated Seat Element Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>WH / GY</td>
<td>2434</td>
<td>Passenger Heated Seat NTC Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>BK / GY</td>
<td>2435</td>
<td>Passenger Heated Seat NTC Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.75</td>
<td>GY / BK</td>
<td>2480</td>
<td>Passenger Heated Seat Element Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: 6040262C1
- Description: 1-Way M 6.3 Series (BK)

### Table 767 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6041954C1</td>
<td>J-35616-43 (RD)</td>
</tr>
</tbody>
</table>

### Table 768 E18 Rear Defogger Grid

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2.5</td>
<td>BN / VT</td>
<td>293</td>
<td>Rear Defog Element Control</td>
<td>1</td>
<td>—</td>
</tr>
</tbody>
</table>
### Connector Part Information
- Harness Type: Floor Console
- Service Connector: Service by Harness
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

### Table 770 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042024C1 0.5mm</td>
<td>J-35616-14 (GN)</td>
</tr>
<tr>
<td></td>
<td>6042003C1 0.75mm</td>
<td></td>
</tr>
</tbody>
</table>

### Table 771 E28 Center Console Compartment Lamp (Feature Code: 0016XCN)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>WH / BN</td>
<td>6815</td>
<td>Inadvertent Power Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Left Fog Lamp Jumper
- Service Connector: 6131286C1
- Description: 2-Way F 1.5 Series, Sealed (BK)

Table 773  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4080386C1</td>
<td>J-35616-2A (GY)</td>
</tr>
</tbody>
</table>

Table 774  E29RF Fog Lamp – Right Front

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td>BN / VT</td>
<td>2234</td>
<td>Front Fog Lamp Control</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>1.5</td>
<td>BK</td>
<td>150</td>
<td>Ground</td>
<td>1</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Left Fog Lamp Jumper
- Service Connector: 6131286C1
- Description: 2-Way F 1.5 Series, Sealed (BK)

Table 776  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>4080386C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

Table 777  E29LF Fog Lamp – Right Front

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td>BN/VT</td>
<td>2234</td>
<td>Front Fog Lamp Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>1.5</td>
<td>BK</td>
<td>150</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Headliner
- Service Connector: 6040210C1
- Description: 2-pin M 150 Metri-Pack Series (BK)

Table 779  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
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<tbody>
<tr>
<td>I</td>
<td>6041897C1</td>
<td>J-35616-3 (GY)</td>
</tr>
</tbody>
</table>

Table 780  E31L Sunshade Mirror Lamp – Left (Feature Code: 0016XCS)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.5</td>
<td>WH / BN</td>
<td>6815</td>
<td>Inadvertent Power Control</td>
<td>I</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>0.5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
<td></td>
</tr>
</tbody>
</table>
Connector Part Information
• Harness Type: Headliner
• Service Connector: 6040210C1
• Description: 2-pin M 150 Metri-Pack Series (BK)

Table 782 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041897C1</td>
<td>J-35616-3 (GY)</td>
</tr>
</tbody>
</table>

Table 783 E31R Sunshade Mirror Lamp – Right (Feature Code: 0016XCS)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.5</td>
<td>WH / BN</td>
<td>6815</td>
<td>Inadvertent Power Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>0.5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Chassis Rear Right
- Service Connector: 1661778C1
- Description: 2-Way F 150 Metri-Pack Series, Sealed (GY)

Table 785  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<td>I</td>
<td>1661875C1</td>
<td>J-35616-2A (GY)</td>
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Table 786  E33 Cargo Lamp

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.75</td>
<td>WH / VT</td>
<td>1430</td>
<td>Exterior Courtesy Lamp Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>1</td>
<td>BK</td>
<td>1430</td>
<td>Exterior Courtesy Lamp Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Headliner
- Service Connector: 6040295C1
- Description: 4-pin F 150 Metri-Pack Series (BK)

Table 788 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<td>I</td>
<td>3544254C1</td>
<td>J-35616-14 (GN)</td>
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Table 789 E37B Dome / Reading Lamps – 2nd Row (Crew Cab-Feature Code: 0016LVT)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.5</td>
<td>WH / BN</td>
<td>6815</td>
<td>Inadvertent Power Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>0.5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>C</td>
<td>0.5</td>
<td>GY</td>
<td>157</td>
<td>Interior Lamp Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>D</td>
<td>0.5</td>
<td>YE</td>
<td>6817</td>
<td>LED Backlight Dimming Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Overhead Console
- Service Connector: Service by Harness
- Description: 4-Way F 0.64 Micro-Quadlock Series (GY)

Table 791  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>6042008C1</td>
<td>J-35616-64B (LT BU)</td>
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Table 792  E37EL Dome / Reading Lamps – Front Overhead Console Left

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>YE</td>
<td>6817</td>
<td>LED Backlight Dimming Control</td>
<td>I</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>WH / BN</td>
<td>6815</td>
<td>Inadvertent Power Control</td>
<td>I</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>GY</td>
<td>157</td>
<td>Interior Lamp Control</td>
<td>I</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
<td></td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Overhead Console
- Service Connector: Service by Harness
- Description: 4-pin F 0.64 Micro-Quadlock Series (GY)

Table 794 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>6042008C1</td>
<td>J-35616-64B (LT BU)</td>
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Table 795 E37ER Dome / Reading Lamps – Front Overhead Console Right

<table>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>YE</td>
<td>6817</td>
<td>LED Backlight Dimming Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>WH / BN</td>
<td>6815</td>
<td>Inadvertent Power Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>GY</td>
<td>157</td>
<td>Interior Lamp Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: HVAC
- Service Connector: Service by Harness
- Description: Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

Table 797  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042008C1</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 798  E40 Electrical Auxiliary Heater X1

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>VT</td>
<td>3195</td>
<td>Auxiliary Heater Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>VT / GY</td>
<td>539</td>
<td>Run / Crank Ignition 1 Voltage</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>YE / GN</td>
<td>3196</td>
<td>Auxiliary Heater Status Signal</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: HVAC
- Service Connector: Service by Harness
- Description: 1-Way Ring Terminal

Table 800  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
</tr>
</tbody>
</table>

Table 801  E40 Electrical Auxiliary Heater X2

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10</td>
<td>RD / GY</td>
<td>642</td>
<td>Battery Positive Voltage</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: HVAC
- Service Connector: Service by Harness
- Description: 1-Way Ring Terminal

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Not Available</td>
<td>No Tool Required</td>
</tr>
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</table>

Table 804 E40 Electrical Auxiliary Heater X3

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>1</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Chassis Rear Left
- Service Connector: 1661375C2
- Description: 5-Way F 280 Metri-Pack Series, Sealed (GY)

Table 806 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>2033816C1</td>
<td>J-35616-4A (PU)</td>
</tr>
</tbody>
</table>

Table 807 E42R Tail Lamp Assembly - Right

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2</td>
<td>GN/WH</td>
<td>24</td>
<td>Backup Lamp Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>2</td>
<td>YE/BU</td>
<td>309</td>
<td>Right Park Lamp Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>C</td>
<td>2</td>
<td>BN/GN</td>
<td>19</td>
<td>Right Rear Stop / Turn Lamp Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>D</td>
<td>2</td>
<td>VT/GY</td>
<td>309</td>
<td>Right Park Lamp Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>E</td>
<td>3</td>
<td>BK</td>
<td>10-G</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Chassis Rear Left
- Service Connector: 1661375C2
- Description: 5-Way F 280 Metri-Pack Series, Sealed (GY)

**Table 809 Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>2033816C1</td>
<td>J-35616-4A (PU)</td>
</tr>
</tbody>
</table>

**Table 810 E42L Tail Lamp Assembly - Left**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2</td>
<td>GN / WH</td>
<td>24</td>
<td>Backup Lamp Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>2</td>
<td>YE / BU</td>
<td>18</td>
<td>Left Rear Stop / Turn Lamp Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>C</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>D</td>
<td>2</td>
<td>VT / GY</td>
<td>709</td>
<td>Left Park Lamp Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>E</td>
<td>3</td>
<td>BK</td>
<td>10-G</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Overhead Console
- Service Connector: Service by Harness
- Description: 4-pin F 0.64 Micro-Quadlock Series (GY)

Table 812  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-16 (LT GN)</td>
</tr>
</tbody>
</table>

Table 813  E52 Dome / Reading Lamps – Front Overhead Console Right

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>YE</td>
<td>4319</td>
<td>DEF Line Heater Low Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>BN</td>
<td>3919</td>
<td>DEF Pressure Line Heater Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Door Trim
- Service Connector: Service by Harness
- Description: 2-pin F 1.6 Timer Series (BK)

Table 815  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6042024C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

Table 816  E63D Flood Lamp – Driver Door Handle (Feature Code: 0016WAK)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>WH / YE</td>
<td>7557</td>
<td>LED Ambient Lighting Control 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>BK</td>
<td>1150</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Passenger Door Trim
- Service Connector: Service by Harness
- Description: 2-Way F 1.6 Timer Series (BK)

Table 818  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6041942C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

Table 819  E63P Flood Lamp – Passenger Door Handle (Feature Code: 0016WAK)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>WH / YE</td>
<td>7557</td>
<td>LED Ambient Lighting Control 1</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>BK</td>
<td>1250</td>
<td>Ground</td>
<td>1</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
• Harness Type: Passenger Instrument Panel Air Bag
• Service Connector: 1673790C1
• Description: 2-Way F 280 Metri-Pack Series, Sealed (BK)

Table 821 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-4A (PU)</td>
</tr>
</tbody>
</table>

Table 822 E91 Passenger Instrument Panel Air Bag

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1</td>
<td>VT / GY</td>
<td>139</td>
<td>Run / Crank Ignition 1 Voltage</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>1</td>
<td>BK</td>
<td>139G</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Passenger Instrument Panel Air Bag
- Service Connector: Service by harness
- Description: 2-Way F

Table 824 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
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</tr>
</tbody>
</table>

Table 825 F101 Passenger Instrument Panel Air Bag

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>YE</td>
<td>3025</td>
<td>Passenger IP Module Stage 1 High Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>OG</td>
<td>3024</td>
<td>Passenger IP Module Stage 1 Low Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
F106D Seat Side Air Bag - Driver (without 0016KV / 0016KVU / 0016XJR)

Connector Part Information
- Harness Type: Driver Seat Back
- Service Connector: Service by harness
- Description: 2-Way F FPB 180-1 Series (BK with YE Cover)

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Table 827 Terminal Part Information

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>OG/L-BU</td>
<td>3068</td>
<td>Driver Side Impact Module High Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>L-GN/OG</td>
<td>3069</td>
<td>Steering Wheel Module Stage 1 Low Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>

Table 828 F106D Seat Side Air Bag - Driver (without 0016KV / 0016KVU / 0016XJR)
Connector Part Information

- Harness Type: Driver Seat Back
- Service Connector: Service by harness
- Description: 2-Way F FPB 180-1 Series (BK with YE Cover)

Table 830 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Table 831 F106D Seat Side Air Bag - Driver (0016KVV / 0016KVU, without 0016XJR)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>OG / L-BU</td>
<td>3068</td>
<td>Driver Side Impact Module High Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>L-GN / OG</td>
<td>3069</td>
<td>Driver Side Impact Module Low Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Driver Seat Back
- Service Connector: Service by harness
- Description: 2-Way F FPB 180-1 Series (BK with YE Cover)

**Table 833  Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

**Table 834  F106D Seat Side Air Bag - Driver ( 0016KVV / 0016KVU, without 0016XJR )**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>OG / L-BU</td>
<td>3068</td>
<td>Driver Side Impact Module High Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>L-GN / OG</td>
<td>3069</td>
<td>Driver Side Impact Module Low Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Back
- Service Connector: Service by harness
- Description: 2-Way F FPB 180-1 Series (BK with YE Cover)

### Table 836  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
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<td>I</td>
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</tbody>
</table>

### Table 837  F106P Seat Side Air Bag - Passenger (without 0016XJR)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>OG / GY</td>
<td>3066</td>
<td>Passenger Side Impact Module High Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BN / OG</td>
<td>3067</td>
<td>Passenger Side Impact Module Low Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Back
- Service Connector: Service by harness
- Description: 2-Way F FPB 180-1 Series (BK with YE Cover)

Table 839  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-33 (YE)</td>
</tr>
</tbody>
</table>

Table 840  F106P Seat Side Air Bag - Passenger (0016KVV / 0016XJR / 0016XCP)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>OG / GY</td>
<td>3066</td>
<td>Passenger Side Impact Module High Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BN / OG</td>
<td>3067</td>
<td>Passenger Side Impact Module Low Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Steering Wheel Air Bag Coil
- Service Connector: Service by harness
- Description: 2-Way F

Table 842  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Table 843  F107 Passenger Instrument Panel Air Bag

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>—</td>
<td>TN</td>
<td>3021</td>
<td>Steering Wheel Module Stage 1 High Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>BN</td>
<td>3020</td>
<td>Steering Wheel Module Stage 1 Low Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: 6040267C1
- Description: 2-pin F ABX-5 Series (PU with YE Cover)

Table 845  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 846  F112D Seat Belt Retractor Pretensioner – Driver (Crew Cab)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>RD</td>
<td>3477</td>
<td>Driver Seat Belt Retractor Pretensioner High Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>GY</td>
<td>3478</td>
<td>Driver Seat Belt Retractor Pretensioner Low Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: 6040268C1
- Description: 2-Way F ABX-5 Series (PU with YE Cover)

Table 848 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 849 F112D Seat Belt Retractor Pretensioner – Driver (Standard Cab)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>RD</td>
<td>3477</td>
<td>Driver Seat Belt Retractor Pretensioner High Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>GY</td>
<td>3478</td>
<td>Driver Seat Belt Retractor Pretensioner Low Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: 6040267C1
- Description: 2-pin F ABX-5 Series (PU with YE Cover)

Table 851  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 852  F112P Seat Belt Retractor Pretensioner – Passenger (Crew Cab)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>L-GN</td>
<td>3475</td>
<td>Passenger Seat Belt Retractor Pretensioner High Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>WH</td>
<td>3476</td>
<td>Passenger Seat Belt Retractor Pretensioner Low Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: 6040268C1
- Description: 2-pin F 0.64 Series, Sealed (BK with YE Cover)

Table 854 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 855 F112P Seat Belt Retractor Pretensioner – Passenger (Standard Cab)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>L-GN</td>
<td>3475</td>
<td>Passenger Seat Belt Retractor Pretensioner High Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>WH</td>
<td>3476</td>
<td>Passenger Seat Belt Retractor Pretensioner Low Control</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040292C1
- Description: 2-Way F Junior Power Timer Series, Sealed (BK)

Table 857  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042010C1 0.5mm</td>
<td>J-35616-35 (VT)</td>
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<tr>
<td></td>
<td>6041945C1 0.75mm</td>
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</tbody>
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Table 858  G13 Alternator (Generator) X1

<table>
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<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>BN</td>
<td>25</td>
<td>Charge Indicator Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>GY</td>
<td>23</td>
<td>Alternator (Generator) Field Duty Cycle Signal</td>
<td>I</td>
<td>—</td>
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</tbody>
</table>
Connector Part Information

- Harness Type: Generator
- Service Connector: Service by Harness
- Description: Ring Terminal

<table>
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<th>Terminal Type ID</th>
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<th>Diagnostic Test Probe</th>
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<td>I</td>
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<td>No Tool Required</td>
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Table 861  G13 Alternator X2 (Generator)

<table>
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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>—</td>
<td>RD</td>
<td>2</td>
<td>Battery Positive Voltage</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Engine Chassis
- Service Connector: 6040292C1
- Description: 2-Way F Junior Power Timer Series, Sealed (BK)

Table 863  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tr>
<td>I</td>
<td>6041945C1 0.75mm</td>
<td>J-35616-35 (VT)</td>
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Table 864  G13E Alternator – Auxiliary X1 (Generator)

<table>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>BN</td>
<td>25</td>
<td>Charge Indicator Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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</table>
Connector Part Information

- Harness Type: Generator
- Service Connector: Service by Harness
- Description: Ring Terminal

Table 866 Terminal Part Information

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<thead>
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<th>Terminal Type ID</th>
<th>Service Terminal</th>
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<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
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Table 867 G13E Alternator – Auxiliary X2 (Generator)

<table>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
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<td>RD</td>
<td>2</td>
<td>Battery Positive Voltage</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
</table>
### Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040292C1
- Description: 2-pin F Junior Power Timer Series, Sealed (BK)

### Table 869  Terminal Part Information

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### Table 870  G13E Alternator (Generator) – Auxiliary (Feature Code: 0008GJC)

<table>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>BN</td>
<td>25</td>
<td>Charge Indicator Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Body
- Service Connector: 6041829C1
- Description: 2-Way F SSC Series, Sealed (BK)

Table 872  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>6042017C1</td>
<td>J-35616-4A (PU)</td>
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Table 873  G24 Windshield Washer Pump

<table>
<thead>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>GY / VT</td>
<td>228</td>
<td>Windshield Washer Pump Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
<td>—</td>
</tr>
</tbody>
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Connector Part Information
- Harness Type: Instrument Panel
- Service Connector: 6040206C1
- Description: 26-pin F 0.64, 2.8 Series (NA)

Table 875 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>6042049C1</td>
<td>J-35616-64B (LT BU)</td>
</tr>
<tr>
<td>II</td>
<td>6041854C1</td>
<td>J-35616-35 (VT)</td>
</tr>
<tr>
<td>III</td>
<td>6041854C1</td>
<td>J-35616-35 (VT)</td>
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Table 876 K9 Body Control Module X1

<table>
<thead>
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<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>BK</td>
<td>1850</td>
<td>Ground</td>
<td>III</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>RD / D-BU</td>
<td>2540</td>
<td>Battery Positive Voltage</td>
<td>III</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>RD / GY</td>
<td>2140</td>
<td>Battery Positive Voltage</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
<td>Option</td>
</tr>
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<tr>
<td>4</td>
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<td>RD / BN</td>
<td>2240</td>
<td>Battery Positive Voltage</td>
<td>III</td>
<td>—</td>
</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>WH</td>
<td>6816</td>
<td>Indicator Dimming Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
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<td>Not Occupied</td>
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<td>—</td>
</tr>
<tr>
<td>7</td>
<td>0.35</td>
<td>BK / YE</td>
<td>5005</td>
<td>Instrument Panel Lamp Dimmer Switch Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>8-9</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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<tr>
<td>10</td>
<td>0.5</td>
<td>D-BU / VT</td>
<td>1134</td>
<td>Park Brake Switch Signal</td>
<td>I</td>
<td>—</td>
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<tr>
<td>11</td>
<td>0.35</td>
<td>L-GN / BN</td>
<td>306</td>
<td>Headlight Switch Headlights Off Signal Control</td>
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<td>—</td>
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<tr>
<td>12</td>
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<td>—</td>
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<td>Not Occupied</td>
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<tr>
<td>13</td>
<td>0.35</td>
<td>D-BU / RD</td>
<td>1688</td>
<td>5 volt Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>14</td>
<td>0.35</td>
<td>GY / L-GN</td>
<td>328</td>
<td>Interior Lamp Defeat Switch Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>15</td>
<td>0.35</td>
<td>D-BU / GY</td>
<td>192</td>
<td>Front Fog Lamp Switch Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>16</td>
<td>0.35</td>
<td>WH / VT</td>
<td>103</td>
<td>Headlight Switch On Signal</td>
<td>I</td>
<td>—</td>
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<tr>
<td>17-18</td>
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<td>Not Occupied</td>
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<tr>
<td>19</td>
<td>0.35</td>
<td>BK / L-GN</td>
<td>552</td>
<td>Sensor Low Reference</td>
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<tr>
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<td>Not Occupied</td>
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<td>21</td>
<td>0.35</td>
<td>GY</td>
<td>728</td>
<td>Security Indicator Control</td>
<td>I</td>
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<td>22</td>
<td>0.35</td>
<td>L-GN / GY</td>
<td>13</td>
<td>Headlight Switch Park Lamp Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>23</td>
<td>0.5</td>
<td>VT / L-GN</td>
<td>7558</td>
<td>LED Ambient Lighting Control 2</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>24</td>
<td>0.5</td>
<td>WH</td>
<td>2501</td>
<td>High Speed GMLAN Serial Data (-) 1</td>
<td>I</td>
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<tr>
<td>25</td>
<td>0.5</td>
<td>D-BU</td>
<td>2500</td>
<td>High Speed GMLAN Serial Data (+) 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>26</td>
<td>0.35</td>
<td>D-BU / WH</td>
<td>3275</td>
<td>Remote Function Actuator Receive Signal</td>
<td>I</td>
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</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040200C1
- Description: 27-pin F 0.64, 2.8 Series (L-BU)

Table 878  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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<tbody>
<tr>
<td>I</td>
<td>6042049C1</td>
<td>J-35616-64B (LT BU)</td>
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<tr>
<td>II</td>
<td>6041887C1</td>
<td>J-35616-35 (VT)</td>
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Table 879  K9 Body Control Module X2

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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
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<td>2740</td>
<td>Battery Positive Voltage</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>BK</td>
<td>1850</td>
<td>Ground</td>
<td>II</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.75</td>
<td>RD / BN</td>
<td>2940</td>
<td>Battery Positive Voltage</td>
<td>II</td>
<td>—</td>
</tr>
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<td>4</td>
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<td>RD / VT</td>
<td>4040</td>
<td>Battery Positive Voltage</td>
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<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
<td>Option</td>
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<td>---------</td>
<td>----------</td>
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<tr>
<td>6</td>
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<td>GY</td>
<td>5697</td>
<td>Child Lockout Indicator Control</td>
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<td>—</td>
</tr>
<tr>
<td>7</td>
<td>0.35</td>
<td>WH / L-GN</td>
<td>526</td>
<td>Stop Lamp Switch Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>8</td>
<td>0.5</td>
<td>YE</td>
<td>6817</td>
<td>LED Backlight Dimming Control</td>
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<td>—</td>
</tr>
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<td>9</td>
<td>0.35</td>
<td>YE / GY</td>
<td>44</td>
<td>Instrument Panel Lamp Dimmer Switch Signal</td>
<td>I</td>
<td>—</td>
</tr>
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<td>10</td>
<td>0.35</td>
<td>WH / D-BU</td>
<td>278</td>
<td>Ambient Light Sensor Signal</td>
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<td>Not Occupied</td>
<td>—</td>
<td>—</td>
</tr>
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<td>13</td>
<td>0.35</td>
<td>GY / RD</td>
<td>598</td>
<td>5 volt Reference</td>
<td>I</td>
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</tr>
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<td>14</td>
<td>0.35</td>
<td>D-BU / VT</td>
<td>1788</td>
<td>Traction Control Switch Signal 1</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>15</td>
<td>0.35</td>
<td>BN / WH</td>
<td>781</td>
<td>Driver Door Lock Switch Unlock Signal</td>
<td>I</td>
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</tr>
<tr>
<td>16</td>
<td>0.35</td>
<td>GY</td>
<td>3273</td>
<td>Remote Function Actuator Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>17</td>
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<td>Not Occupied</td>
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<td>0.5</td>
<td>GY</td>
<td>158</td>
<td>Cargo Lamp Switch Signal</td>
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</tr>
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<td>19</td>
<td>0.35</td>
<td>BN / YE</td>
<td>780</td>
<td>Driver Door Lock Switch Lock Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>20</td>
<td>0.5</td>
<td>WH / D-BU</td>
<td>3691</td>
<td>Trailer Brake Apply Signal</td>
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<tr>
<td>21</td>
<td>0.5</td>
<td>L-GN / GY</td>
<td>6135</td>
<td>Local Interconnect Network Serial Data Bus 4</td>
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<td>—</td>
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<tr>
<td>22-24</td>
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<td>Not Occupied</td>
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</tr>
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<td>25</td>
<td>0.35</td>
<td>GY / WH</td>
<td>3272</td>
<td>Remote Function Actuator Control</td>
<td>I</td>
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<td>0.35</td>
<td>L-GN / WH</td>
<td>111</td>
<td>Hazard Switch Signal</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
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<td>0.35</td>
<td>YE / L-GN</td>
<td>3274</td>
<td>Remote Function Actuator Transmit Signal</td>
<td>I</td>
<td>—</td>
</tr>
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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: Service by Harness
- Description: 25-Way F 0.64 Series (GN)

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**Table 881  Terminal Part Information**

<table>
<thead>
<tr>
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<th>Service Terminal</th>
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<tbody>
<tr>
<td>I</td>
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</tr>
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**Table 882  K9 Body Control Module X3**

<table>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
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<td>1</td>
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<td>GN / Y</td>
<td>3277</td>
<td>Vehicle Anti-Theft System Immobilizer Low Reference</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>GN / VT</td>
<td>7533</td>
<td>Local Interconnect Network Serial Data Bus 11</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>Y / BK</td>
<td>3276</td>
<td>Vehicle Anti-Theft System Immobilizer Control</td>
<td>I</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.75</td>
<td>WH / RD</td>
<td>1444</td>
<td>12V Reference</td>
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Connector Part Information

- Harness Type: Body
- Service Connector: 6040219C1
- Description: 26-pin F 0.64, 2.8 Series (BK)

Table 884 Terminal Part Information

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Table 885 K9 Body Control Module X4

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### Table 885  K9 Body Control Module X4 (cont.)

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Connector Part Information
- Harness Type: Body
- Service Connector: 6040217C1
- Description: 26-pin F 0.64, 2.8 Series (BN)

Table 887  Terminal Part Information

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Table 888  K9 Body Control Module X5

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Connector Part Information

- Harness Type: Body
- Service Connector: 6040216C1
- Description: 27-pin F 0.64, 2.8 Series (L-PU)

Table 890  Terminal Part Information

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Table 891  K9 Body Control Module X6

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<td>Left Rear Door Ajar Switch Signal</td>
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Connector Part Information

- Harness Type: Body
- Service Connector: 6040218C1
- Description: 26-pin F 0.64, 2.8 Series (L-GY)

Table 893  Terminal Part Information

<table>
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<td>J-35616-35 (VT)</td>
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Table 894  K9 Body Control Module X7

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### Table 894  K9 Body Control Module X7 (cont.)

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Connector Part Information

- Harness Type: Chassis
- Service Connector: 4089378C1
- Description: 38-pin F 0.64, 2.8, 6.3 Series, Sealed (BK)

Table 896  Terminal Part Information

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<td>3592382C1 3mm</td>
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Table 897  K17 Electronic Brake Control Module

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<td>830</td>
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### Connector Part Information

- **Harness Type:** Engine Chassis
- **Service Connector:** 6041825C1
- **Description:** 66-pin F 0.64 MTS-B, 2.8 ATS, 6.3 Ducon Series, Sealed (BK)

### Table 899 Terminal Part Information

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### Table 900 K20 Engine Control Module X1

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Connector Part Information
- Harness Type: Engine
- Service Connector: 6041828C1
- Description: 96-pin F 0.64 MTS-B, 2.8 ATS Series, Sealed (BK)

Table 902 Terminal Part Information

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Table 903 K20 Engine Control Module X2

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<td>Fuel Rail Pressure Solenoid Control</td>
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Connector Part Information
- Harness Type: Engine Chassis
- Service Connector: 6040202C1
- Description: 80-Way F MX123 Series, Sealed (BK with BU Terminal Position Assurance)

Table 905  Terminal Part Information

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Table 906  K20 Engine Control Module X3

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<td>3682</td>
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<td>Pin</td>
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Connector Part Information

- Harness Type: Passenger Seat Cushion
- Service Connector: Service by Harness
- Description: 10-pin F 1.5, 2.8 Series (BK)

Table 908  Terminal Part Information

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Table 909  K29 Seat Heating Control Module X1 (Feature Code: 0016XJR)

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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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<td>1</td>
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<td>BN / L-BU</td>
<td>2479</td>
<td>Passenger Heated Seat Element Control</td>
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<td>GY / BK</td>
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<td>Pin</td>
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<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
<td>Option</td>
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**Connector Part Information**

- Harness Type: Passenger Seat Cushion
- Service Connector: Service by Harness
- Description: 16-pin F 0.64 Kaizen Series (BK)

**Table 911  Terminal Part Information**

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**Table 912  K29 Seat Heating Control Module X2 (Feature Code: 0016XJR)**

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Connector Part Information
- Harness Type: HVAC
- Service Connector: Service by Harness
- Description: 20-Way F USCAR 64 Series (BN)

Table 914 Terminal Part Information

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Table 915 K33 HVAC Control Module X2

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Connector Part Information

- Harness Type: HVAC
- Service Connector: Service by Harness
- Description: 20-Way F 0.64 Series (BK)

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## Table 918  K33 HVAC Control Module X3 (cont.)

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Connector Part Information
- Harness Type: Engine
- Service Connector: Service By Harness
- Description: 1–Way F

Table 920 Terminal Part Information

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Table 921 K34 Glow Plug Control Module X1

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Connector Part Information

- Harness Type: Engine
- Service Connector: 6040290C1
- Description: 43-pin F 1.2, 2.8 Series, Sealed (BK)

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Table 924  K34 Glow Plug Control Module X2

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Connector Part Information

- Harness Type: Body
- Service Connector: 6040202C1
- Description: 24-pin F 0.64 Series, Sealed (YE)

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Table 927  K36 Inflatable Restraint Sensing and Diagnostic Module X1

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Connector Part Information

- Harness Type: Body
- Service Connector: 6040241C1
- Description: 54-Way F 0.64 Series, Sealed (YE)

Table 929  Terminal Part Information

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Table 930  K36 Inflatable Restraint Sensing and Diagnostic Module X2

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<th>Terminal Type ID</th>
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<td>13</td>
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<td>Passenger Side Impact Module Low Control</td>
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<td>OG / GY</td>
<td>3066</td>
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### Table 930  K36 Inflatable Restraint Sensing and Diagnostic Module X2 (cont.)

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<th>Terminal Type ID</th>
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<tr>
<td>18</td>
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<td>Left Front Head Curtain Module Low Control</td>
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</tr>
<tr>
<td>19</td>
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<td>2132</td>
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<td>Left Front Side Impact Sensing Module Low Reference</td>
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</tr>
<tr>
<td>21</td>
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<td>BK / OG</td>
<td>6629</td>
<td>Right Front Side Impact Sensing Module Low Reference</td>
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<td>2134</td>
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<td>6618</td>
<td>Middle Front Discriminating Sensor Signal</td>
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<td>BK / OG</td>
<td>6619</td>
<td>Middle Front Discriminating Sensor Low Reference</td>
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<td>OG / D-BU</td>
<td>6620</td>
<td>Left Middle Side Impact Sensing Module Signal</td>
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<td>6621</td>
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<td>BK / OG</td>
<td>6625</td>
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<td>OG / VT</td>
<td>6624</td>
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<td>3478</td>
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<td>Passenger Seat Belt Retractor Pretensioner Low Control</td>
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<td>3475</td>
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<td>238</td>
<td>Driver Seat Belt Switch Signal</td>
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<td>53</td>
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<td>54</td>
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<td>5022</td>
<td>Right Front Head Curtain Module Low Control</td>
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Connector Part Information

- Harness Type: Chassis
- Service Connector: 4086720C1
- Description: 38-pin F 1.5 CTS, 2.8 MCP, 4.8 MCP Series, Sealed (BK)

Table 932 Terminal Part Information

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<tr>
<td></td>
<td>6113342C1 1.0mm</td>
<td>J-35616-4A (PU)</td>
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Table 933 K38A Chassis Control Module – Auxiliary (Feature Code: 0008HBW) (JL1)

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<th>Function</th>
<th>Terminal Type ID</th>
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<tr>
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<td>1</td>
<td>RD</td>
<td>2040</td>
<td>Battery Positive Voltage</td>
<td>I</td>
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<tr>
<td>2-12</td>
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<td>—</td>
<td>Not Occupied</td>
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<tr>
<td>13</td>
<td>1</td>
<td>BK</td>
<td>1750</td>
<td>Ground</td>
<td>I</td>
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<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
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<td>VT / YE</td>
<td>5985</td>
<td>Accessory Wake-up Serial Data</td>
<td>I</td>
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<td>—</td>
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<tr>
<td>16</td>
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<td>Integrated Trailer Brake Controller Switch 5 volt Reference</td>
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<tr>
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<tr>
<td>18</td>
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<td>BN</td>
<td>7634</td>
<td>Integrated Trailer Brake Controller Redundant Manual Apply Signal</td>
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<td>7631</td>
<td>Integrated Trailer Brake Controller Switch Low Reference</td>
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<td>20</td>
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<td>7635</td>
<td>Integrated Trailer Brake Controller Manual Apply Signal</td>
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</tr>
<tr>
<td>21</td>
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<td>GN / BK</td>
<td>7633</td>
<td>Integrated Trailer Brake Controller User Gain Signal</td>
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<td>22</td>
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<td>YE / BK</td>
<td>2224</td>
<td>Trailer Brake Enable Signal</td>
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<td>23</td>
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<td>WH / BK</td>
<td>2223</td>
<td>Trailer Brake Control Signal</td>
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<td>25</td>
<td>1.5</td>
<td>VT / GN</td>
<td>439</td>
<td>Run / Crank Ignition 1 Voltage</td>
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<td>2500</td>
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<tr>
<td>27</td>
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<td>BU</td>
<td>2500</td>
<td>High Speed GMLAN Serial Data (+) 1</td>
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<td>28</td>
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<td>29</td>
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<td>WH</td>
<td>2501</td>
<td>High Speed GMLAN Serial Data (-) 1</td>
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<td>30</td>
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<td>GN / VT</td>
<td>4114</td>
<td>Local Interconnect Network Serial Data Bus 14</td>
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<tr>
<td>31-38</td>
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Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040232C1
- Description: 38-Way F 1.5 CTS, 2.8 MCP, 4.8 MCP Series, Sealed (BK with BK Inner Connector)

Table 935 Terminal Part Information

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<td>I</td>
<td>6041985C1</td>
<td>J-35616-40 (BU)</td>
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<tr>
<td>II</td>
<td>6041985C1</td>
<td>J-35616-40 (BU)</td>
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<tr>
<td>III</td>
<td>6041985C1</td>
<td>J-35616-14 (GN)</td>
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<td>IV</td>
<td>6041985C1</td>
<td>J-35616-35 (VT)</td>
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Table 936 K44 Power Take-off Control Module X1 (Feature Code: 0012WGG)

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<th>Function</th>
<th>Terminal Type ID</th>
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<tbody>
<tr>
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<td>4540</td>
<td>Battery Positive Voltage</td>
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<tr>
<td>2-12</td>
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<td>—</td>
<td>Not Occupied</td>
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<tr>
<td>13</td>
<td>1.5</td>
<td>BK / WH</td>
<td>451</td>
<td>Signal Ground</td>
<td>II</td>
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### Table 936  K44 Power Take-off Control Module X1 (Feature Code: 0012WGG) (cont.)

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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
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<tr>
<td>14</td>
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<td>Serial Data Communication Enable</td>
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<td>15</td>
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<td>L-GN / WH</td>
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<td>Power Take-off Control Switch</td>
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<tr>
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<td>Power Take-off Enable In Cab Switch Normally Closed Signal</td>
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<tr>
<td>27</td>
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<td>2500</td>
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<td>WH</td>
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Connector Part Information
- Harness Type: Engine Chassis
- Service Connector: 6040242C1
- Description: 38-pin F 1.5 CTS, 2.8 MCP, 4.8 MCP Series, Sealed (BK with BN Inner Connector)

Table 938 Terminal Part Information

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Table 939 K44 Power Take-Off Control Module X2 (Feature Code: 0012WGG) (PTO)

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<td>2522</td>
<td>Power Take-off Status Signal</td>
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<td>Power Take-off Relay Coil Control</td>
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<td>12-27</td>
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<td>Not Occupied</td>
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<td>WH / L-GN</td>
<td>6142</td>
<td>Power Take-off Engine Shutdown Signal</td>
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<td>Pin</td>
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<td>Function</td>
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<td>6089</td>
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<td>4408</td>
<td>Power Take-off Enable Signal</td>
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<td>6381</td>
<td>Power Take-off Relay Engage Signal</td>
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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040194C1
- Description: 16-pin F 0.64 OCS Series (BK)

### Table 941 Terminal Part Information

<table>
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### Table 942 K56 Serial Data Gateway Module X1

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<tr>
<td>2</td>
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<td>Function</td>
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<tr>
<td>8</td>
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<td>WH</td>
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<td>5986</td>
<td>Serial Data Communication Enable</td>
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<td>11</td>
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<td>High Speed GMLAN Serial Data (+) 9</td>
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<td>12</td>
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<td>1304</td>
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<td>14</td>
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<td>WH/L-GN</td>
<td>1305</td>
<td>High Speed GMLAN Serial Data (-) 9</td>
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<td>5060</td>
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Connector Part Information
• Harness Type: Instrument Panel
• Service Connector: 6040195C1
• Description: 16-Way F 0.64 OCS Series (GY)

Table 944 Terminal Part Information

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<td>I</td>
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Table 945 K56 Serial Data Gateway Module X2

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<td>6105</td>
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Table 945  K56 Serial Data Gateway Module X2 (cont.)

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Connector Part Information

- Harness Type: Brake Clutch
- Service Connector: Service by Harness
- Description: 16-Way F 1.5 OCS Series (GY)

### Table 947 Terminal Part Information

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### Table 948 K69 Transfer Case Control Module X1 (Feature Code: 0013TLP (0013WDB))

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<td>7476</td>
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<td>2</td>
<td>0.35</td>
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<td>7473</td>
<td>Incremental Encoder Impulse Signal</td>
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<tr>
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<td>YE</td>
<td>7474</td>
<td>Incremental Encoder Direction Signal</td>
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<td>6</td>
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<td>GY/RD</td>
<td>6029</td>
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<td>1693</td>
<td>Four Wheel Drive Switch Signal</td>
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### Table 948  K69 Transfer Case Control Module X1 (Feature Code: 0013TLP (0013WDB)) (cont.)

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<th>Function</th>
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<td>7475</td>
<td>Incremental Encoder Sensor 8V Reference</td>
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Connector Part Information

- Harness Type: Brake Clutch
- Service Connector: Service by Harness
- Description: 16-Way F 1.5 OCS Series (BK)

Table 950 Terminal Part Information

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<th>Terminal Type ID</th>
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Table 951 K69 Transfer Case Control Module X2 (Feature Code: 0013TLP (0013WDB))

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<td>VT / WH</td>
<td>1565</td>
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<td>4</td>
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<td>VT / L-GN</td>
<td>1739</td>
<td>Run / Crank Ignition 1 Voltage</td>
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<td>VT / YE</td>
<td>5985</td>
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### Table 951  K69 Transfer Case Control Module X2 (Feature Code: 0013TLP (0013WDB)) (cont.)

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<tr>
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<td>BN / BK</td>
<td>1566</td>
<td>4 HI Indicator Control</td>
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<td>2500</td>
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<td>2501</td>
<td>High Speed GMLAN Serial Data (-) 1</td>
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Connector Part Information

- Harness Type: Brake Clutch
- Service Connector: Service by Harness
- Description: 4-Way F 280 GT Series (L-GY)

Table 953  Terminal Part Information

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Table 954  K69 Transfer Case Control Module X3 (Feature Code: 0013TLP (0013WDB))

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<th>Function</th>
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<tr>
<td>A</td>
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<td>YE / VT</td>
<td>1553</td>
<td>Transfer Case Motor Counter Clockwise Control</td>
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<tr>
<td>B</td>
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<td>YE / GY</td>
<td>1552</td>
<td>Transfer Case Motor Clockwise Control</td>
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<tr>
<td>C</td>
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<td>RD / GY</td>
<td>1342</td>
<td>Battery Positive Voltage</td>
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<tr>
<td>D</td>
<td>3</td>
<td>BK</td>
<td>550</td>
<td>Ground</td>
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Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040284C1
- Description: 80-pin F1.5 Series, Sealed (BK)

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### Table 957  K71 Transmission Control Module

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<td>109</td>
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<td>RD</td>
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<td>Sunroof Switch Close Signal</td>
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<td>Hazard Switch Signal</td>
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<td>Rear Compartment Lid Pull Down Motor Control</td>
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<td>Cargo Lamp Switch Signal</td>
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<td>Folding Top Motor Down Control</td>
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<tr>
<td>64-68</td>
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<tr>
<td>69</td>
<td>1</td>
<td>BK</td>
<td>169</td>
<td>Power Window Master Switch Left Rear Down Signal</td>
<td>I</td>
</tr>
<tr>
<td>70</td>
<td>1</td>
<td>RD</td>
<td>170</td>
<td>Power Window Master Switch Right Rear Up Signal</td>
<td>I</td>
</tr>
<tr>
<td>71</td>
<td>0.75</td>
<td>YE</td>
<td>171</td>
<td>Power Window Master Switch Right Rear Down Signal</td>
<td>I</td>
</tr>
<tr>
<td>72</td>
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<td>Not Occupied</td>
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</tr>
<tr>
<td>73</td>
<td>0.75</td>
<td>D-BU</td>
<td>173</td>
<td>ABS Pump Motor Control</td>
<td>I</td>
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<tr>
<td>74</td>
<td>0.75</td>
<td>D-BU</td>
<td>174</td>
<td>Low Washer Fluid Indicator Control</td>
<td>I</td>
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<tr>
<td>75-76</td>
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<td>77</td>
<td>0.75</td>
<td>GN</td>
<td>177</td>
<td>Left Folding Top Motor Down Control</td>
<td>I</td>
</tr>
<tr>
<td>78</td>
<td>0.75</td>
<td>WH</td>
<td>178</td>
<td>Right Folding Top Motor Down Control</td>
<td>I</td>
</tr>
<tr>
<td>79</td>
<td>0.75</td>
<td>RD</td>
<td>179</td>
<td>Oil Pump Command Signal</td>
<td>I</td>
</tr>
<tr>
<td>80</td>
<td>0.75</td>
<td>OG</td>
<td>180</td>
<td>Transmission Input Shaft Speed Sensor Reference Voltage</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information
• Harness Type: Instrument Panel
• Service Connector: 6040229C1
• Description: 16-pin F 100A Micro-Pack Series (NA)

Table 959  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042036C1</td>
<td>J-35616-4A (PU)</td>
</tr>
<tr>
<td>II</td>
<td>6042036C1</td>
<td>J-35616-4A (PU)</td>
</tr>
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Table 960  K73 Telematics Communication Interface Control Module X1 (Feature Code: 0008AAE)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
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<th>Terminal Type ID</th>
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<tbody>
<tr>
<td>1</td>
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<td>GY / L-GN</td>
<td>1102</td>
<td>Low Speed GMLAN Serial Data #2</td>
<td>II</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>BN / WH</td>
<td>2517</td>
<td>Keypad Red LED Control</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>YE / VT</td>
<td>2516</td>
<td>Keypad Green LED Control</td>
<td>I</td>
</tr>
<tr>
<td>4-5</td>
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<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
<td>0.35</td>
<td>L-GN/BK</td>
<td>2515</td>
<td>Keypad Control</td>
<td>I</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
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<tr>
<td>7</td>
<td>0.35</td>
<td>BK</td>
<td>2550</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>8-9</td>
<td></td>
<td></td>
<td></td>
<td>Not Occupied</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>0.35</td>
<td>D-BU/L-GN</td>
<td>1304</td>
<td>High Speed GMLAN Serial Data (+) 9</td>
<td>I</td>
</tr>
<tr>
<td>11</td>
<td>0.35</td>
<td>L-GN/WH</td>
<td>2514</td>
<td>Keypad Signal</td>
<td>I</td>
</tr>
<tr>
<td>12</td>
<td>0.35</td>
<td>WH/L-GN</td>
<td>1305</td>
<td>High Speed GMLAN Serial Data (-) 9</td>
<td>I</td>
</tr>
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<td>13-14</td>
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<td></td>
<td></td>
<td>Not Occupied</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>0.35</td>
<td>RD / BU</td>
<td>3240</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>16</td>
<td></td>
<td></td>
<td></td>
<td>Not Occupied</td>
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</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Instrument Panel
- Service Connector: 6040278C1
- Description: 12-pin F 100 amp Micro-Pack Series (NA)

Table 962  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042036C1</td>
<td>J-35616-16 (LT GN)</td>
</tr>
<tr>
<td>II</td>
<td>6042036C1</td>
<td>J-35616-16 (LT GN)</td>
</tr>
<tr>
<td>III</td>
<td>6041999C1</td>
<td>J-35616-16 (LT GN)</td>
</tr>
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Table 963  K73 Telematics Communication Interface Control Module X2 (Feature Code: 0008AAE)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>YE</td>
<td>658</td>
<td>Cellular Telephone Voice Signal</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>BK / YE</td>
<td>659</td>
<td>Cellular Telephone Voice Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>D-BU / L-GN</td>
<td>1304</td>
<td>High Speed GMLAN Serial Data (+) 9</td>
<td>II</td>
</tr>
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Table 963  K73 Telematics Communication Interface Control Module X2 (Feature Code: 0008AAE) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>0.5</td>
<td>WH / L-GN</td>
<td>1305</td>
<td>High Speed GMLAN Serial Data (-) 9</td>
<td>II</td>
</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>BARE</td>
<td>1792</td>
<td>Low Reference</td>
<td>II</td>
</tr>
<tr>
<td>6</td>
<td>0.35</td>
<td>GY / YE</td>
<td>5149</td>
<td>Voice Recognition Audio Signal</td>
<td>III</td>
</tr>
<tr>
<td>7</td>
<td>0.35</td>
<td>WH / D-BU</td>
<td>5986</td>
<td>Serial Data Communication Enable</td>
<td>I</td>
</tr>
<tr>
<td>8</td>
<td>0.35</td>
<td>BARE</td>
<td>1782</td>
<td>Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>9</td>
<td>0.35</td>
<td>D-BU</td>
<td>655</td>
<td>Cellular Telephone Microphone Signal</td>
<td>I</td>
</tr>
<tr>
<td>10</td>
<td>0.35</td>
<td>BK / BN</td>
<td>654</td>
<td>Cellular Telephone Microphone Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>11</td>
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<td>—</td>
<td>Not Occupied</td>
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</tr>
<tr>
<td>12</td>
<td>0.35</td>
<td>BK / GY</td>
<td>5152</td>
<td>Voice Recognition Audio Low Reference</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Instrument Panel
- Service Connector: Service by Cable Assembly
- Description: 1-Way F Coax Type (VT)

Table 965  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tr>
<td>I</td>
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Table 966  K73 Telematics Communication Interface Control Module X5 (0008RNP /0008RNX)

<table>
<thead>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Coax.</td>
<td>Coax.</td>
<td>Coax.</td>
<td>(Cell only) Coaxial Antenna Cell Phone Signal</td>
<td>Coax.1</td>
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</tr>
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</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: Service by Cable Assembly
- Description: 1-Way F Coax Type (BN)

Table 968  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
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<tr>
<td>I</td>
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Table 969  K73 Telematics Communication Interface Control Module X7 (0008RNP /0008RNX)

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<th>Size</th>
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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Coax.</td>
<td>Coax.</td>
<td>Coax.</td>
<td>(Cell only) Coaxial Antenna Cell Phone Signal</td>
<td>Coax.I</td>
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</tr>
</tbody>
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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040193C1
- Description: 16-Way F 0.64 OCS Series (BK)

Table 971  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>1</td>
<td>6042048C1 0.35mm-0.5mm</td>
<td>J-35616-64B (LT BU)</td>
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Table 972  K74 Human Machine Interface Control Module X1 (Feature Code: 0008RNW / 0008RNX)

<table>
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<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>GY / YE</td>
<td>5149</td>
<td>Voice Recognition Audio Signal</td>
<td>I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D-BU</td>
<td>655</td>
<td>Cellular Telephone Microphone Signal</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>BK / GY</td>
<td>5152</td>
<td>Voice Recognition Audio Low Reference</td>
<td>I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BK / GN</td>
<td>654</td>
<td>Cellular Telephone Microphone Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
</tr>
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<td>Serial Data Communication Enable</td>
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<td>0.75</td>
<td>RD / VT</td>
<td>340</td>
<td>Battery Positive Voltage</td>
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<td>0.75</td>
<td>BK</td>
<td>2550</td>
<td>Ground</td>
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</tr>
<tr>
<td>9</td>
<td>0.5</td>
<td>L-GN/WH</td>
<td>7527</td>
<td>Local Interconnect Network Serial Data Bus 5</td>
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<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>11</td>
<td>0.35</td>
<td>D-BU/L-GN</td>
<td>1304</td>
<td>High Speed GMLAN Serial Data (+)9</td>
<td>I</td>
</tr>
<tr>
<td>12</td>
<td>0.35</td>
<td>WH/L-GN</td>
<td>1305</td>
<td>High Speed GMLAN Serial Data (-)9</td>
<td>I</td>
</tr>
<tr>
<td>13</td>
<td>0.5</td>
<td>D-BU/L-GN</td>
<td>1304</td>
<td>High Speed GMLAN Serial Data (+)9</td>
<td>I</td>
</tr>
<tr>
<td>14</td>
<td>0.5</td>
<td>WH/L-GN</td>
<td>1305</td>
<td>High Speed GMLAN Serial Data (-)9</td>
<td>I</td>
</tr>
<tr>
<td>15–16</td>
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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6041826C1
- Description: 12-pin F 0.64 OCS Series (GY)

Table 974  Terminal Part Information

<table>
<thead>
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<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tr>
<td>1</td>
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<td>J-35616-64B (LT BU)</td>
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Table 975  K74 Human Machine Interface Control Module X2 (Feature Code: 0008RNW / 0008RNX)

<table>
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<th>Pin</th>
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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
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<tr>
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<td>3999</td>
<td>MOST Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>WH / L-GN</td>
<td>3997</td>
<td>MOST Serial Data (-)</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>GY / VT</td>
<td>3998</td>
<td>MOST Serial Data (+)</td>
<td>I</td>
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<tr>
<td>4</td>
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<tr>
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<td>0.35</td>
<td>GY / YE</td>
<td>6972</td>
<td>Camera Signal 2 (+)</td>
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Table 975  K74 Human Machine Interface Control Module X2 (Feature Code: 0008RNW / 0008RNX)  
(cont.)

<table>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>0.35</td>
<td>WH / D-BU</td>
<td>6973</td>
<td>Camera Signal 2</td>
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<td>7</td>
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<td>Not Occupied</td>
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</tr>
<tr>
<td>8</td>
<td>0.5</td>
<td>GY / VT</td>
<td>3998</td>
<td>MOST Serial Data (+)</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td>0.5</td>
<td>WH / L-GN</td>
<td>3997</td>
<td>MOST Serial Data (-)</td>
<td>1</td>
</tr>
<tr>
<td>10-12</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Instrument Panel USB
- Service Connector: Service by Cable Assembly
- Description: 5-Way M 2.0 Mini-B USB Type (BK)

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
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</tr>
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</table>

**Table 978  K74 Human Machine Interface Control Module X3 (0008RNW / 0008RNX / 0008RNP / 0008RNR)**

<table>
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<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>USB</td>
<td>USB</td>
<td>USB</td>
<td>USB</td>
<td>USB</td>
<td>USB</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: Service by Cable Assembly
- Description:—
Table 980  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
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</table>

Table 981  K74 Human Machine Interface Control Module X4 (0008RNW / 0008RNX / 0008RNP / 0008RNR)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>USB</td>
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<td>USB</td>
<td>USB</td>
<td>USB</td>
<td>USB</td>
</tr>
</tbody>
</table>
## Connector Part Information

- Harness Type: Instrument Panel LVDS
- Service Connector: Service by Cable Assembly
- Description: 5-Way M 2.0 Mini-B USB Type (BU)
### Table 983  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
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<tbody>
<tr>
<td>I</td>
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### Table 984  K74 Human Machine Interface Control Module X5 (0008RNW / 0008RNX / 0008RNP / 0008RNR)

<table>
<thead>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
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<tbody>
<tr>
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<td>LVDS</td>
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<td>Infotainment Display Signal</td>
<td>I</td>
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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: Service by Cable Assembly
- Description:—
### Table 986  Terminal Part Information

<table>
<thead>
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<th>Terminal Type ID</th>
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<tr>
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### Table 987  K74 Human Machine Interface Control Module X7 (0008RNP / 0008RNX)

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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Coax.</td>
<td>—</td>
<td>Coax. (GPS only) Coaxial Antenna GPS Signal</td>
<td>1</td>
</tr>
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</table>
**Connector Part Information**

- Harness Type: Body
- Service Connector: 6040208C1
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

**Table 989  Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
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<tbody>
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<td>I</td>
<td>6042016C1</td>
<td>J-35616-64B (LT BU)</td>
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**Table 990  K77 Remote Control Door Lock Receiver**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>GY</td>
<td>3273</td>
<td>Remote Function Actuator Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>YE / L-GN</td>
<td>3274</td>
<td>Remote Function Actuator Transmit Signal</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>D-BU / WH</td>
<td>3275</td>
<td>Remote Function Actuator Receive Signal</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>GY / WH</td>
<td>3272</td>
<td>Remote Function Actuator Control</td>
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</tr>
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Connector Part Information
- Harness Type: Body
- Service Connector: Service by Harness
- Description: 3-Way F Micro-Quadlock Series (PU)

Table 992  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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Table 993  K89 Immobilizer Control Module

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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>GN / GY</td>
<td>3277</td>
<td>Vehicle Anti-Theft System Immobilizer Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>GN / VT</td>
<td>7533</td>
<td>Local Interconnect Network Serial Data Bus 11</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>GY / BK</td>
<td>3276</td>
<td>Vehicle Anti-Theft System Immobilizer Control</td>
<td>I</td>
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</table>
Connector Part Information

- Harness Type: Chassis
- Service Connector: 4086737C1
- Description: 30-Way F 1.5, 2.8 Series, Sealed (BK)

Table 995  Terminal Part Information

<table>
<thead>
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<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tr>
<td>I</td>
<td>4086472C1</td>
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<td>II</td>
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Table 996  K111 Fuel Pump Driver Control Module

<table>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
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<th>Terminal Type ID</th>
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<tbody>
<tr>
<td>1-3</td>
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<tr>
<td>4</td>
<td>0.5</td>
<td>BN / VT</td>
<td>455</td>
<td>Fuel Filter Temperature Signal</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>BK / BU</td>
<td>6861</td>
<td>Water In Fuel Sensor Signal</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>—</td>
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<td>Not Occupied</td>
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<tr>
<td>7</td>
<td>2.5</td>
<td>RD / VT</td>
<td>1242</td>
<td>Battery Positive Voltage</td>
<td>II</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
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</tr>
<tr>
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<td>1.5</td>
<td>GY</td>
<td>120</td>
<td>Fuel Pump Control</td>
<td>II</td>
</tr>
<tr>
<td>9</td>
<td>1.5</td>
<td>YE / GY</td>
<td>4137</td>
<td>Fuel Pump Supply Voltage Phase 2</td>
<td>II</td>
</tr>
<tr>
<td>10-12</td>
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<td>—</td>
<td>Not Occupied</td>
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</tr>
<tr>
<td>13</td>
<td>0.5</td>
<td>BU / VT</td>
<td>1589</td>
<td>Primary Fuel Level Sensor Signal</td>
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<tr>
<td>14</td>
<td>0.5</td>
<td>BU</td>
<td>1937</td>
<td>Secondary Fuel Level Sensor Signal</td>
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<tr>
<td>15</td>
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<td>WH</td>
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<td>High Speed GMLAN Serial Data (-) 7</td>
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<tr>
<td>16</td>
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<td>VT / BU</td>
<td>3674</td>
<td>NOx Sensor 1 Control</td>
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<tr>
<td>17</td>
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<td>VT / GN</td>
<td>439</td>
<td>Run / Crank Ignition 1 Voltage</td>
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<tr>
<td>18</td>
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<td>GN / GY</td>
<td>465</td>
<td>Fuel Pump Primary Relay Control</td>
<td>I</td>
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<tr>
<td>19</td>
<td>0.5</td>
<td>BK / VT</td>
<td>412</td>
<td>Fuel Filter Temperature Sensor Low Reference</td>
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<td>BK</td>
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<td>Ground</td>
<td>II</td>
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<tr>
<td>23</td>
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<td>BK</td>
<td>7444</td>
<td>Fuel System Control Module Shield Ground</td>
<td>II</td>
</tr>
<tr>
<td>24</td>
<td>1.5</td>
<td>WH / BN</td>
<td>4138</td>
<td>Fuel Pump Supply Voltage Phase 3</td>
<td>II</td>
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<td>6863</td>
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<td>28</td>
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<td>BK / GN</td>
<td>6281</td>
<td>Fuel Level Sensor Low Reference</td>
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<td>29</td>
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<td>6281</td>
<td>Fuel Level Sensor Low Reference</td>
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<td>30</td>
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<td>BU / BN</td>
<td>4498</td>
<td>High Speed GMLAN Serial Data (+) 7</td>
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Connector Part Information

• Harness Type: Reductant Control Module
• Service Connector: Service by Harness
• Description: 8-Way F 2.8 Series, Sealed (BK)

Table 998 Terminal Part Information

<table>
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<tr>
<th>Terminal Type ID</th>
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Table 999 K115 Reductant Control Module X1

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<th>Terminal Type ID</th>
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</thead>
<tbody>
<tr>
<td>1</td>
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<td>RD / WH</td>
<td>3440</td>
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<tr>
<td>2</td>
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<td>4499</td>
<td>High Speed GMLAN Serial Data (-) 7</td>
<td>II</td>
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<tr>
<td>3</td>
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<td>BU / BN</td>
<td>4498</td>
<td>High Speed GMLAN Serial Data (+) 7</td>
<td>II</td>
</tr>
<tr>
<td>4</td>
<td>2.5</td>
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<td>550</td>
<td>Ground</td>
<td>I</td>
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<td>5</td>
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<td>PU / GN</td>
<td>4320</td>
<td>Powertrain Sensor Bus Enable</td>
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<td>Circuit</td>
<td>Function</td>
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<td>High Speed GMLAN Serial Data (+) 7</td>
<td>II</td>
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<tr>
<td>8</td>
<td>2.5</td>
<td>BU</td>
<td>3922</td>
<td>DEF Heater Supply 2</td>
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Connector Part Information

- Harness Type: Chassis
- Service Connector: Service by Harness
- Description: 20-Way F 1.5 Series, Sealed (BK)

Table 1001 Terminal Part Information

<table>
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<tr>
<th>Terminal Type ID</th>
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<td>I</td>
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<td>J-35616-2A (GY)</td>
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Table 1002 K115 Reductant Control Module X2

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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>BN</td>
<td>3876</td>
<td>DEF Smart Pump Control Phase 3</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
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<td>BU</td>
<td>3875</td>
<td>DEF Smart Pump Control Phase 2</td>
<td>2</td>
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<td>3</td>
<td>1</td>
<td>WH</td>
<td>3103</td>
<td>DEF Smart Pump Control</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>BK</td>
<td>4318</td>
<td>DEF Tank Heater Low Control</td>
<td>1</td>
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<td>5</td>
<td>1</td>
<td>BN</td>
<td>3104</td>
<td>DEF Smart Pump Low Reference</td>
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### Table 1002  K115 Reductant Control Module X2 (cont.)

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<th>Circuit</th>
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<tr>
<td>6</td>
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<td>BK</td>
<td>7285</td>
<td>Diesel Exhaust Fluid Liquid Quality Temperature Sensor Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>7</td>
<td>1</td>
<td>BN</td>
<td>3199</td>
<td>DEF Pressure Line Heater Control</td>
<td>II</td>
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<tr>
<td>8</td>
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<td>—</td>
<td>Not Occupied</td>
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</tr>
<tr>
<td>9</td>
<td>0.5</td>
<td>BN</td>
<td>3244</td>
<td>DEF Tank Temperature Sensor Signal</td>
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<tr>
<td>10</td>
<td>0.5</td>
<td>BK</td>
<td>3245</td>
<td>DEF Tank Temperature Sensor Low Reference</td>
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<td>11</td>
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<td>3677</td>
<td>DEF Reservoir Heater Control</td>
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<td>12</td>
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<td>BN</td>
<td>3106</td>
<td>DEF Pressure Sensor 5V Reference</td>
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<td>3108</td>
<td>DEF Pressure Sensor Signal</td>
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<td>14</td>
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<td>3107</td>
<td>DEF Pressure Sensor Low Reference</td>
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<td>15</td>
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<td>BK</td>
<td>7290</td>
<td>Diesel Exhaust Fluid Sensor Voltage Reference (1)</td>
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<td>DEF Tank Level Sensor Signal</td>
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<td>3029</td>
<td>DEF Tank Level Sensor Low Reference</td>
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<td>Diesel Exhaust Fluid Quality Signal</td>
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<td>7286</td>
<td>Diesel Exhaust Fluid Sensor Voltage Reference (2)</td>
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<td>YE</td>
<td>4319</td>
<td>DEF Line Heater Low Control</td>
<td>II</td>
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Connector Part Information
- Harness Type: Chassis
- Service Connector: 4086719C1
- Description: 16-Way F 1.5, 2.8 Series, Sealed (GY)

Table 1004 Terminal Part Information

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Table 1005 K133 Trailer Brake Power Control Module (Feature Code: 0008HBW)

<table>
<thead>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
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<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>RD / GN</td>
<td>1142</td>
<td>Battery Positive Voltage</td>
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<tr>
<td>3</td>
<td>2</td>
<td>RD / GN</td>
<td>1142</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>WH / BK</td>
<td>2223</td>
<td>Trailer Brake Control Signal</td>
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<td>YE / BK</td>
<td>2224</td>
<td>Trailer Brake Enable Signal</td>
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<td>Trailer Auxiliary Control</td>
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<td>9</td>
<td>3</td>
<td>BK</td>
<td>1750</td>
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Connector Part Information

- Harness Type: Chassis
- Service Connector: 1661747C91
- Description: 5-Way F 630 Metri-Pack Series, Sealed (BK)

Table 1007  Terminal Part Information

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<td>1661708C1 5mm</td>
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Table 1008  KR14 Brake Booster Pump Motor Relay

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td>RD</td>
<td>90F</td>
<td>Brake Booster Pump Supply</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>GY</td>
<td>90D</td>
<td>Brake Booster Pump Motor Relay High Control</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
<td>GY</td>
<td>90E</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>GY</td>
<td>90A</td>
<td>Brake Booster Pump Motor Relay Low Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Overhead Console
- Service Connector: Service by Harness
- Description: 6-pin F 280 Metri-Pack Flexlock Series (BK)

Table 1010  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>3535484C1</td>
<td>J-35616-4A (PU)</td>
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<td>6041899C1</td>
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Table 1011  KR58 Roof Beacon Relay (Feature Code: 0008XKS)

<table>
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<th>Size</th>
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<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>0.35</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>A2</td>
<td>2.5</td>
<td>L-GN / D-BU</td>
<td>5989</td>
<td>Emergency Lamp Relay Contact Control</td>
<td>I</td>
</tr>
<tr>
<td>B1-B2</td>
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<td>—</td>
<td>Not Occupied</td>
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Table 1011  KR58 Roof Beacon Relay (Feature Code: 0008XKS) (cont.)

<table>
<thead>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1</td>
<td>2.5</td>
<td>RD / L-GN</td>
<td>3140</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>C2</td>
<td>0.5</td>
<td>WH / BK</td>
<td>5990</td>
<td>Emergency Lamp Switch Signal</td>
<td>I</td>
</tr>
</tbody>
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Connector Part Information

- Harness Type: Overhead Console
- Service Connector: Service by Harness
- Description: 6-Way F 280 Metri-Pack Flexlock Series (GY)

Table 1013 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
<tr>
<td>I</td>
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<td>J-35616-4A (PU)</td>
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<td>3534164C1</td>
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Table 1014 KR193 Rear Air Suspension Control Valve Relay

<table>
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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>0.35</td>
<td>YE</td>
<td>321</td>
<td>Automatic Level Control Relay Coil Control</td>
<td>I</td>
</tr>
<tr>
<td>A2</td>
<td>0.35</td>
<td>WH/L-GN</td>
<td>320</td>
<td>Automatic Level Control Exhaust Solenoid Control</td>
<td>I</td>
</tr>
<tr>
<td></td>
<td>0.5</td>
<td>WH/L-GN</td>
<td>320</td>
<td>Automatic Level Control Exhaust Solenoid Control</td>
<td>I</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
</tr>
<tr>
<td>-----</td>
<td>------</td>
<td>-------</td>
<td>---------</td>
<td>-----------------------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>B1</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>B2</td>
<td>0.5</td>
<td>L-GN</td>
<td>10138</td>
<td>Left / Rear Air Spring Solenoid Control</td>
<td>I</td>
</tr>
<tr>
<td>C1</td>
<td>0.5</td>
<td>VT / WH</td>
<td>1139</td>
<td>Run / Crank Ignition 1 Voltage</td>
<td>I</td>
</tr>
<tr>
<td>C2</td>
<td>0.35</td>
<td>YE / GN</td>
<td>5956</td>
<td>Leveling Suspension Relay Coil Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: HVAC
- Service Connector: Service by Harness
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

Table 1016  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
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<td>I</td>
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<td>J-35616-64B (LT BU)</td>
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Table 1017  M4 Air Inlet Actuator

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>BK / YE</td>
<td>1791</td>
<td>Air Temperature Door Control Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>VT / GN</td>
<td>1838</td>
<td>Recirculation Door Position Signal</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>GY / RD</td>
<td>598</td>
<td>5V Reference</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>GN</td>
<td>1614</td>
<td>Recirculation Door Control</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>0.35</td>
<td>YE / BK</td>
<td>2274</td>
<td>Recirculation Door Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Cushion
- Service Connector: Service by Harness
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

Table 1019  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-64B (LT BU)</td>
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Table 1020  M6 Air Temperature Door Actuator

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>BK / YE</td>
<td>1791</td>
<td>Air Temperature Door Control Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>D-BU / YE</td>
<td>733</td>
<td>Air Temperature Door Position Signal</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>GY / RD</td>
<td>598</td>
<td>5V Reference</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
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<tr>
<td>5</td>
<td>0.35</td>
<td>L-BU / BN</td>
<td>1199</td>
<td>Air Temperature Door Control</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>0.35</td>
<td>GY / GN</td>
<td>2210</td>
<td>Air Temperature Door Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Cushion
- Service Connector: Service by Harness
- Description: 2-Way F 150 Metri-Pack Series (BK)

Table 1022  Terminal Part Information

<table>
<thead>
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<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
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<td>J-35616-14 (GN)</td>
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Table 1023  M7 Transmission Shift Lock Control Solenoid Actuator

<table>
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<th>Pin</th>
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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.5</td>
<td>YE / WH</td>
<td>816</td>
<td>Brake Transmission Shift Interlock Solenoid Control</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>0.5</td>
<td>BK / WH</td>
<td>1851</td>
<td>Signal Ground</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: HVAC
- Service Connector: Service by Harness
- Description: 6-Way F 0.64 GET, 6.3 Series (BK)

Table 1025  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041946C1 4mm</td>
<td>J-35616-42 (RD)</td>
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<tr>
<td></td>
<td>6042037C1 5mm</td>
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<tr>
<td>II</td>
<td>6042029C1</td>
<td>J-35616-64B (LT BU)</td>
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</table>

Table 1026  M8 Blower Motor

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4</td>
<td>RD / VT</td>
<td>542</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>BU / GY</td>
<td>754</td>
<td>Blower Motor Speed Control</td>
<td>II</td>
</tr>
<tr>
<td>3</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
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<tr>
<td>4</td>
<td>5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
</tr>
</tbody>
</table>
**Connector Part Information**
- Harness Type: Driver Seat Cushion
- OEM Connector: 365682C2
- Description: 1-Way Ring Terminal

### Table 1028  Terminal Part Information

<table>
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<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
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### Table 1029  M9 Blower Motor

<table>
<thead>
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<th>Pin</th>
<th>Size</th>
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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td>GY</td>
<td>90FA</td>
<td>Brake Booster Pump Supply</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: HVAC
- Service Connector: Service by Harness
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

Table 1031  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>6041996C1</td>
<td>J-35616-64B (LT BU)</td>
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</tbody>
</table>

Table 1032  M37 Mode Door Actuator

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>BK / YE</td>
<td>1791</td>
<td>Air Temperature Door Control Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>WH / GN</td>
<td>2275</td>
<td>Mode 1 Valve Positions Sensor Signal</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>—</td>
<td>GY / RD</td>
<td>598</td>
<td>5V Reference</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>WH</td>
<td>119</td>
<td>Mode Door Control</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>0.35</td>
<td>YE / BN</td>
<td>2273</td>
<td>Mode Door Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Cushion
- Service Connector: Service by Harness
- Description: 4-pin F 0.64, 2.8 Series (BN)

Table 1034  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041906C1</td>
<td>J-35616-4A (PU)</td>
</tr>
<tr>
<td>II</td>
<td>6041902C1</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 1035  M50D Seat Front Vertical Motor – Driver (Feature Code: 0016KVV / 0016KVU)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td>L-GN / BN</td>
<td>286</td>
<td>Driver Power Seat Front Vertical Motor Up Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>WH/RD</td>
<td>3298</td>
<td>Memory Sensor High Reference 2</td>
<td>II</td>
</tr>
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</table>
### Table 1035  M50D Seat Front Vertical Motor – Driver (Feature Code: 0016KVV / 0016KVU) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1.5</td>
<td>L-BU / VT</td>
<td>287</td>
<td>Driver Power Seat Front Vertical Motor Down Control</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>BN/WH</td>
<td>557</td>
<td>Memory Seat Front Vertical Motor Position Sensor Signal</td>
<td>II</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Cushion
- Service Connector: Service by Harness
- Description: 4-Way F 0.64, 2.8 Series (BN)

<table>
<thead>
<tr>
<th>Table 1037</th>
<th>Terminal Part Information</th>
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<tbody>
<tr>
<td>Terminal Type ID</td>
<td>Service Terminal</td>
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<tr>
<td>-----------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>I</td>
<td>6041906C1</td>
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<tr>
<td>II</td>
<td>6041902C1 0.35mm</td>
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<tr>
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<td>6041904C1 0.5mm</td>
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<table>
<thead>
<tr>
<th>Table 1038</th>
<th>M51D Seat Horizontal Motor – Driver (Feature Code: 0016KVV / 0016KVU)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin</td>
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<td>------</td>
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<tr>
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<td>1.5</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
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Table 1038  M51D Seat Horizontal Motor – Driver (Feature Code: 0016KVV / 0016KVU) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1.5</td>
<td>GY / L-GN</td>
<td>284</td>
<td>Driver Power Seat Horizontal Motor Rearward Control</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>L-GN</td>
<td>569</td>
<td>Memory Seat Horizontal Motor Position Sensor Signal</td>
<td>II</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Passenger Seat Cushion
- Service Connector: Service by Harness
- Description: 4-Way F 0.64, 2.8 Series (BN)

Table 1040  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>6041906C1</td>
<td>J-35616-4A (PU)</td>
</tr>
</tbody>
</table>

Table 1041  M51P Seat Horizontal Motor – Passenger (Feature Code: 0016KVV / AG2)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>YE/BU</td>
<td>290</td>
<td>Passenger Power Seat Horizontal Motor Rearward Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
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<td>—</td>
<td>Not Occupied</td>
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</tr>
<tr>
<td>3</td>
<td>1.5</td>
<td>YE/WH</td>
<td>296</td>
<td>Passenger Power Seat Horizontal Motor Forward Control</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Back
- Service Connector: Service by Harness
- Description: 2-pin F 480 Metri-Pack Series (BK)

Table 1043 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>1661218C1</td>
<td>J-35616-40 (BU)</td>
</tr>
</tbody>
</table>

Table 1044 M52D Seat Lumbar Support Horizontal Motor – Driver (Feature Code: 0016KVV / 0016KVU)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1.5</td>
<td>L-BU</td>
<td>611</td>
<td>Driver Power Seat Lumbar Motor Forward Control</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>1.5</td>
<td>VT</td>
<td>610</td>
<td>Driver Power Seat Lumbar Motor Rearward Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Back
- Service Connector: Service by Harness
- Description: 2-Way F 480 Metri-Pack Series (BK)

Table 1046  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>1661218C1</td>
<td>J-35616-40 (BU)</td>
</tr>
</tbody>
</table>

Table 1047  M52P Seat Lumbar Support Horizontal Motor – Driver (Feature Code: 0016KVV / 0016KVU)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1.5</td>
<td>L-BU</td>
<td>211</td>
<td>Passenger Power Seat Lumbar Motor Forward Control</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>1.5</td>
<td>VT</td>
<td>210</td>
<td>Passenger Power Seat Lumbar Motor Rearward Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Cushion
- Service Connector: Service by Harness
- Description: 4-Way F 0.64, 2.8 Series (BN)

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041906C1</td>
<td>J-35616-4A (PU)</td>
</tr>
<tr>
<td>II</td>
<td>6041902C1 0.35mm</td>
<td>J-35616-64B (LT BU)</td>
</tr>
<tr>
<td></td>
<td>6041904C1 0.5mm</td>
<td></td>
</tr>
</tbody>
</table>

Table 1050  M55D Seat Rear Vertical Motor – Driver (Feature Code: 0016KVV / 0016KVU)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td>GY / L-BU</td>
<td>283</td>
<td>Driver Power Seat Rear Vertical Motor Down Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>WH/RD</td>
<td>3298</td>
<td>Memory Sensor High Reference 2</td>
<td>II</td>
</tr>
</tbody>
</table>
Table 1050  M55D Seat Rear Vertical Motor – Driver (Feature Code: 0016KVV / 0016KVU) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1.5</td>
<td>YE</td>
<td>282</td>
<td>Driver Power Seat Rear Vertical Motor Up Control</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>YE/L-BU</td>
<td>568</td>
<td>Memory Seat Rear Vertical Motor Position Sensor Signal</td>
<td>II</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Back
- Service Connector: Service by Harness
- Description: 4-pin F 0.64, 2.8 Series (BN)

Table 1052  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041906C1</td>
<td>J-35616-4A (PU)</td>
</tr>
<tr>
<td>II</td>
<td>6041902C1</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 1053  M56D Seat Recline Motor – Driver (Feature Code: 0016KVV / 0016KVU and 0016XJR)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td>GN / YE</td>
<td>276</td>
<td>Driver Power Seat Recline Motor Forward Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>WH/RD</td>
<td>3298</td>
<td>Memory Sensor High Reference 2</td>
<td>II</td>
</tr>
</tbody>
</table>
### Table 1053  M56D Seat Recline Motor – Driver (Feature Code: 0016KVV / 0016KVU and 0016XJR) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1.5</td>
<td>L-BU/YE</td>
<td>277</td>
<td>Driver Power Seat Recline Motor Rearward Control</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>WH/BK</td>
<td>570</td>
<td>Driver Memory Seat Recline Motor Position Sensor Signal</td>
<td>II</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Back
- Service Connector: Service by Harness
- Description: 4-Way F 0.64, 2.8 Series (BN)

Table 1055  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041906C1</td>
<td>J-35616-4A (PU)</td>
</tr>
<tr>
<td>II</td>
<td>6041902C1</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 1056  M56D Seat Recline Motor – Driver (Feature Code: 0016KVV / 0016KVU without 0016XJR)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td>GN / YE</td>
<td>276</td>
<td>Driver Power Seat Recline Motor Forward Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>WH/RD</td>
<td>3298</td>
<td>Memory Sensor High Reference 2</td>
<td>II</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
</tr>
<tr>
<td>-----</td>
<td>------</td>
<td>-------</td>
<td>---------</td>
<td>-------------------------------------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>3</td>
<td>1.5</td>
<td>L-BU/YE</td>
<td>277</td>
<td>Driver Power Seat Recline Motor Rearward Control</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>WH/BK</td>
<td>570</td>
<td>Driver Memory Seat Recline Motor Position Sensor Signal</td>
<td>II</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Back
- Service Connector: Service by Harness
- Description: 4-Way F 0.64, 2.8 Series (BN)

Table 1058  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041906C1</td>
<td>J-35616-4A (PU)</td>
</tr>
</tbody>
</table>

Table 1059  M56P Seat Recline Motor – Passenger (Feature Code: 0016KV)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td>L-GN</td>
<td>76</td>
<td>Passenger Power Seat Recline Motor Forward Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>—</td>
<td>BU / BN</td>
<td>77</td>
<td>Passenger Power Seat Recline Motor Rearward Control</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: Service by Cable Assembly
- Description: 1-pin Ring Terminal

Table 1061  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
</tr>
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</table>

Table 1062  M64 Starter Motor X1

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>3</td>
<td>YE / VT</td>
<td>6</td>
<td>Starter Solenoid Crank Ignition Voltage</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Starter Motor Power
- Service Connector: Service by Harness
- Description: 1-Way

Table 1064  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Table 1065  M64 Starter Motor X2

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>—</td>
<td>RD</td>
<td>1</td>
<td>Unfused Battery Positive Voltage</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Driver Door
- Service Connector: Service by Harness
- Description: 7-Way F 0.64, 2.8 Kaizen Timer Series, Sealed (GY)

<table>
<thead>
<tr>
<th>Table 1067 Terminal Part Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal Type ID</td>
</tr>
<tr>
<td>------------------</td>
</tr>
<tr>
<td>I</td>
</tr>
<tr>
<td>II</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Table 1068 M74D Window Motor – Driver (Feature Code: 0016WAK)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin</td>
</tr>
<tr>
<td>-----</td>
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<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>Pin</td>
</tr>
<tr>
<td>-----</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Left Rear Door
- Service Connector: Service by Harness
- Description: 2-pin F 2.8 APEX Series, Sealed (BK)

Table 1070  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042030C1</td>
<td>J-35616-35 (VT)</td>
</tr>
</tbody>
</table>

Table 1071  M74LR Window Motor – Left Rear (Crew Cab)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2.5</td>
<td>D-BU / VT</td>
<td>668</td>
<td>Power Window Motor Left Rear Up Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>2.5</td>
<td>YE / D-BU</td>
<td>669</td>
<td>Power Window Motor Left Rear Down Control</td>
<td>I</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Passenger Door
- Service Connector: Service by Harness
- Description: 2-pin F 2.8 APEX Series, Sealed (BK)

**Table 1073  Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042030C1</td>
<td>J-35616-35 (VT)</td>
</tr>
</tbody>
</table>

**Table 1074  M74P Window Motor – Passenger**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2.5</td>
<td>YE / D-BU</td>
<td>3388</td>
<td>Power Window Motor Passenger Down Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>2.5</td>
<td>L-GN / GY</td>
<td>3387</td>
<td>Power Window Motor Passenger Up Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Right Rear Door
- Service Connector: Service by Harness
- Description: 2-Way F 2.8 APEX Series, Sealed (BK)

Table 1076  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042030C1</td>
<td>J-35616-35 (VT)</td>
</tr>
</tbody>
</table>

Table 1077  M74RR Window Motor – Right Rear (Crew Cab)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2.5</td>
<td>D-BU / GY</td>
<td>670</td>
<td>Power Window Motor Right Rear Up Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>2.5</td>
<td>L-GN / BK</td>
<td>671</td>
<td>Power Window Motor Right Rear Down Control</td>
<td>I</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Body
- Service Connector: 6040215C1
- Description: 5-pin F 090 Series, Sealed (BK)

**Table 1079  Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6041941C1 0.5mm</td>
<td>J-35616-18 (BK)</td>
</tr>
<tr>
<td></td>
<td>3515522C1 2mm</td>
<td></td>
</tr>
</tbody>
</table>

**Table 1080  M75 Windshield Wiper Motor**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>YE / BN</td>
<td>95</td>
<td>Windshield Wiper Motor Low Speed Control</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK</td>
<td>1850</td>
<td>Ground</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>BN / L-GN</td>
<td>196</td>
<td>Windshield Wiper Motor Park Switch Signal</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>WH</td>
<td>92</td>
<td>Windshield Wiper Motor High Speed Control</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>2</td>
<td>BK</td>
<td>550</td>
<td>Ground</td>
<td>1</td>
</tr>
</tbody>
</table>
M77D Outside Rearview Mirror Motor - Driver

Connector Part Information
- Harness Type: Outside Rearview Mirror - Driver
- Service Connector: Service by Harness
- Description: 8-Way

Table 1082  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
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</table>

Table 1083  M77 Outside Rearview Mirror Motor - Driver

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>GN/WH</td>
<td>3389</td>
<td>Driver Mirror Motor Right (+) Left (-) Control</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>—</td>
<td>WH</td>
<td>3391</td>
<td>Driver Mirror Motor Common Control</td>
<td>I</td>
</tr>
<tr>
<td>5–7</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>8</td>
<td>—</td>
<td>BU/WH</td>
<td>3390</td>
<td>Driver Mirror Motor Up (+) Down (-) Control</td>
<td>I</td>
</tr>
</tbody>
</table>
M77P Outside Rearview Mirror Motor - Passenger

Connector Part Information

- Harness Type: Outside Rearview Mirror - Passenger
- Service Connector: Service by Harness
- Description: 8-Way

Table 1085  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Table 1086  M77P Outside Rearview Mirror Motor - Passenger

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>OG</td>
<td>3397</td>
<td>Passenger Mirror Motor Up (+) Down (-) Control</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>—</td>
<td>WH</td>
<td>3398</td>
<td>Passenger Mirror Motor Common Control</td>
<td>I</td>
</tr>
<tr>
<td>5–7</td>
<td>—</td>
<td>—</td>
<td>—</td>
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</tr>
<tr>
<td>8</td>
<td>—</td>
<td>BU / WH</td>
<td>3396</td>
<td>Passenger Mirror Motor Right (+) Left (-) Control</td>
<td>I</td>
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</tbody>
</table>
Connector Part Information

- Harness Type: Engine
- Service Connector: 6040303C1
- Description: 6-pin F 1.2 MCON Series, Sealed (BK)

Table 1088  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>6041941C1</td>
<td>J-35616-16 (LT GN)</td>
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Table 1089  M103 Turbocharger Vane Position Actuator

<table>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>WH</td>
<td>4499</td>
<td>High Speed GMLAN Serial Data (-) 7</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>WH</td>
<td>4499</td>
<td>High Speed GMLAN Serial Data (-) 7</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>BU / BN</td>
<td>4498</td>
<td>High Speed GMLAN Serial Data (+) 7</td>
<td>I</td>
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<tr>
<td>4</td>
<td>0.5</td>
<td>BU / BN</td>
<td>4498</td>
<td>High Speed GMLAN Serial Data (+) 7</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>BK / WH</td>
<td>251</td>
<td>Signal Ground</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>0.5</td>
<td>VT / BU</td>
<td>3674</td>
<td>NOx Sensor 1 Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine
- Service Connector: 6040263C1
- Description: 6-pin F 1.6 Micro-Timer Series, Sealed (GY)

Table 1091  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>6041903C1</td>
<td>J-35616-14 (GN)</td>
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Table 1092  M114 Exhaust Gas Recirculation Cooler Bypass Valve Actuator

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size (mm)</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BN / VT</td>
<td>3656</td>
<td>EGR Cooler Bypass Motor Close Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>GN / GY</td>
<td>3654</td>
<td>EGR Cooler Bypass Position Sensor Signal</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
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<tr>
<td>4</td>
<td>0.5</td>
<td>BK / BU</td>
<td>3653</td>
<td>EGR Cooler Bypass Position Sensor Low Reference</td>
<td>I</td>
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<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
</tr>
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<td>-----------------------------------------------</td>
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<tr>
<td>5</td>
<td>0.5</td>
<td>YE / GN</td>
<td>3655</td>
<td>EGR Cooler Bypass Motor Open Control</td>
<td>I</td>
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<tr>
<td>6</td>
<td>0.5</td>
<td>VT / RD</td>
<td>3652</td>
<td>EGR Cooler Bypass Position Sensor 5 volt Reference</td>
<td>I</td>
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Connector Part Information

- Harness Type: Chassis Rear Right
- Service Connector: 1671610C1
- Description: 2-pin F 280 Metri-Pack Series, Sealed (BK)

<table>
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<th>Terminal Type ID</th>
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<td>I</td>
<td>2033819C1</td>
<td>J-35616-4A (PU)</td>
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### Table 1095  P3 Backup Alarm (Feature Code: 0008THB)

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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.75</td>
<td>WH / GN</td>
<td>1624</td>
<td>Trailer Backup Lamp Control</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>1</td>
<td>BK</td>
<td>1624</td>
<td>Trailer Backup Lamp Control</td>
<td>I</td>
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</tbody>
</table>
Connector Part Information

- Harness Type: Forward Lamp
- Service Connector: 1661778C1
- Description: 2-Way F 150 Metri-Pack Series, Sealed (GY)

Table 1097  Terminal Part Information

<table>
<thead>
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<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<td>I</td>
<td>1661875C1</td>
<td>J-35616-14 (GN)</td>
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Table 1098  P12 Horn

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1</td>
<td>BN / GY</td>
<td>29</td>
<td>Horn Control</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>1</td>
<td>BK</td>
<td>85</td>
<td>Cruise Control Engaged Indicator</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Overhead Console
- Service Connector: Service by Harness
- Description: 6-pin F 0.64 HCM Series (NA)

Table 1100  Terminal Part Information

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<th>Terminal Type ID</th>
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<th>Diagnostic Test Probe</th>
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<td>I</td>
<td>6042029C1</td>
<td>J-35616-64B (LT BU)</td>
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Table 1101  P14 Passenger Air Bag Disabled Indicator

<table>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>D-BU</td>
<td>2307</td>
<td>Passenger Air Bag On Indicator Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
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<tr>
<td>3</td>
<td>0.35</td>
<td>L-GN</td>
<td>2308</td>
<td>Passenger Air Bag Off Indicator Control</td>
<td>. I</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>VT/WH</td>
<td>1139</td>
<td>Run / Crank Ignition 1 Voltage</td>
<td>. I</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>VT/WH</td>
<td>5234</td>
<td>Passenger Seat Belt Indicator Control</td>
<td>I</td>
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<tr>
<td>6</td>
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<td>—</td>
<td>Not Occupied</td>
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</tbody>
</table>
Connector Part Information
- Harness Type: Instrument Panel
- Service Connector: 6040282C1
- Description: 32-Way F 0.64 Micro-Quadlock Series (BK with GY Cover)

Table 1103  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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Table 1104  P16 Instrument Cluster

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<thead>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>WH/GN</td>
<td>3997</td>
<td>MOST Serial Data (-)</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>GY/VT</td>
<td>3998</td>
<td>MOST Serial Data (+)</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>GY/GN</td>
<td>1102</td>
<td>Low Speed GMLAN Serial Data #2</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>WH/VT</td>
<td>3999</td>
<td>MOST Control</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>—</td>
<td>—</td>
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<td>Not Occupied</td>
<td>—</td>
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<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
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<tr>
<td>7</td>
<td>0.5</td>
<td>RD / GY</td>
<td>2840</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>8</td>
<td>0.5</td>
<td>VT / BK</td>
<td>1639</td>
<td>Run / Crank Ignition 1 Voltage</td>
<td>I</td>
</tr>
<tr>
<td>9</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
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<tr>
<td>10</td>
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<td>D-BU / YE</td>
<td>68</td>
<td>Low Coolant Level Indicator Control</td>
<td>I</td>
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<tr>
<td>11-15</td>
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<td>—</td>
<td>Not Occupied</td>
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<tr>
<td>16</td>
<td>0.35</td>
<td>BN / WH</td>
<td>419</td>
<td>Check Engine Indicator Control</td>
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<tr>
<td>17</td>
<td>0.5</td>
<td>GY / VT</td>
<td>3998</td>
<td>MOST Serial Data (+)</td>
<td>I</td>
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<tr>
<td>18</td>
<td>0.5</td>
<td>WH / L-GN</td>
<td>3997</td>
<td>MOST Serial Data (-)</td>
<td>I</td>
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<td>19</td>
<td>0.5</td>
<td>BK / WH</td>
<td>1851</td>
<td>Signal Ground</td>
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<tr>
<td>20</td>
<td>0.5</td>
<td>L-GN / BK</td>
<td>3894</td>
<td>Local Interconnect Network Serial Data Bus 12</td>
<td>I</td>
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<tr>
<td>21-23</td>
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<td>Not Occupied</td>
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<tr>
<td>24</td>
<td>0.35</td>
<td>VT</td>
<td>185</td>
<td>Low Washer Fluid Indicator Control</td>
<td>I</td>
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<tr>
<td>25-31</td>
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<td>Not Occupied</td>
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<td>32</td>
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<td>L-GN / BN</td>
<td>507</td>
<td>Wait To Start Indicator Control</td>
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</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040282C1
- Description: 10-pin F 0.64 Kaizen Series (BK)

Table 1106  Terminal Part Information

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<th>Terminal Type ID</th>
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<td>I</td>
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<td>J-35616-64B (LT BU)</td>
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Table 1107  P17 Info Display Module X1 (Feature Code: 0008RNN / 0008RNW / 0008RNX)

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<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>RD / GY</td>
<td>2840</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
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<td>—</td>
<td>Not Occupied</td>
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</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>GY / L-GN</td>
<td>1102</td>
<td>Low Speed GMLAN Serial Data #2</td>
<td>I</td>
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<tr>
<td>4</td>
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<td>—</td>
<td>Not Occupied</td>
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<tr>
<td>5</td>
<td>0.5</td>
<td>L-GN / D-BU</td>
<td>7532</td>
<td>Local Interconnect Network Serial Data Bus 10</td>
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### Table 1107  P17 Info Display Module X1 (Feature Code: 0008RNN / 0008RNW / 0008RX) (cont.)

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<td>8</td>
<td>0.5</td>
<td>L-GN / WH</td>
<td>7527</td>
<td>Local Interconnect Network Serial Data Bus 5</td>
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<td>9</td>
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<td>Not Occupied</td>
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<td>BK</td>
<td>2550</td>
<td>Ground</td>
<td>I</td>
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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040222C1
- Description: 12-pin F Mini 50 Series (BK)

Table 1109  Terminal Part Information

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<th>Terminal Type ID</th>
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Table 1110  P17 Info Display Module X1 (Feature Code: 0008RNM)

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<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
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<td>I</td>
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<td>2</td>
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<td>BN / L-GN</td>
<td>3364</td>
<td>Navigation Display Reset Signal</td>
<td>I</td>
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<td>3</td>
<td>0.35</td>
<td>GY / BN</td>
<td>3761</td>
<td>Infotainment Regulated Control</td>
<td>I</td>
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<td>4</td>
<td>0.35</td>
<td>L-GN / BK</td>
<td>2515</td>
<td>Keypad Control</td>
<td>I</td>
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<tr>
<td>5</td>
<td>0.35</td>
<td>VT / GY</td>
<td>1381</td>
<td>LCD Dimming Signal</td>
<td>I</td>
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<td>6</td>
<td>0.35</td>
<td>GY / D-BU</td>
<td>3989</td>
<td>Display Radio Bank Switch Dim Signal</td>
<td>I</td>
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<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
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<td>4502</td>
<td>Video Display Request Signal</td>
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<td>0.35</td>
<td>GY / BN</td>
<td>9003</td>
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<td>I</td>
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<td>0.35</td>
<td>BK</td>
<td>2550</td>
<td>Ground</td>
<td>I</td>
</tr>
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<td>10</td>
<td>0.35</td>
<td>BK</td>
<td>2550</td>
<td>Ground</td>
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<td>11</td>
<td>0.35</td>
<td>BK / BN</td>
<td>2518</td>
<td>Keypad Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>12</td>
<td>0.35</td>
<td>GY / D-BU</td>
<td>3989</td>
<td>Display Radio Bank Switch Dim Signal</td>
<td>I</td>
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</tbody>
</table>
P17 Info Display Module X2 (IOB)

Connector Part Information
- Harness Type: Instrument Panel
- Service Connector: Service By Cable Assembly
- Description: —

Table 1112  Terminal Part Information

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Table 1113  P17 Info Display Module X2 (IOB)

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<th>Function</th>
<th>Terminal Type ID</th>
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<td></td>
<td>Infotainment Display Signal</td>
<td>1</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: Service By Cable Assembly
- Description: 5-Way M 2.0 Mini-B USB Type (BK)

Table 1115  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
</tr>
</tbody>
</table>

Table 1116  P17 Info Display Module X3 (IO3 / IO5 / IO6)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>LVDS.</td>
<td>LVDS.</td>
<td>LVDS.</td>
<td>LVDS.</td>
<td>Infotainment Display Signal</td>
<td>LVDS</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Door
- Service Connector: Service by Harness
- Description: 2-pin F 150 MX Series (BK)

### Table 1118  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
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<tbody>
<tr>
<td>I</td>
<td>6042009C1</td>
<td>J-35616-2A (GY)</td>
</tr>
</tbody>
</table>

### Table 1119  P19AG Speaker – Left Front Door

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>BN / D-BU</td>
<td>118</td>
<td>Left Front Speaker Signal (-) 1</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>D-BU</td>
<td>201</td>
<td>Left Front Speaker Control (+) 1</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Passenger Door
- Service Connector: Service by Harness
- Description: 2-pin F 150 MX Series (BK)

Table 1121 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
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<tbody>
<tr>
<td>I</td>
<td>6042009C1</td>
<td>J-35616-2A (GY)</td>
</tr>
</tbody>
</table>

Table 1122 P19AH Speaker – Right Front Door

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>YE / BK</td>
<td>117</td>
<td>Right Front Speaker Signal (-) 1</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>YE</td>
<td>200</td>
<td>Right Front Speaker Control (+) 1</td>
<td>I</td>
</tr>
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</table>
Connector Part Information
- Harness Type: Left Rear Door
- Service Connector: Service by Harness
- Description: 2-pin F 150 MX Series (BK)

Table 1124  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>6042009C1</td>
<td>J-35616-2A (GY)</td>
</tr>
</tbody>
</table>

Table 1125  P19AL Speaker – Left Rear Door (Crew Cab)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>L-GN/BK</td>
<td>116</td>
<td>Left Rear Speaker Signal (-)</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>L-GN</td>
<td>199</td>
<td>Left Rear Speaker Control (+)</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Right Rear Door
- Service Connector: Service by Harness
- Description: 2-Way F 150 MX Series (BK)

### Table 1127  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<td>I</td>
<td>6042009C1</td>
<td>J-35616-2A (GY)</td>
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</table>

### Table 1128  P19AM Speaker – Right Rear Door (Crew Cab)

<table>
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<tr>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>D-BU/BK</td>
<td>115</td>
<td>Right Rear Speaker Signal (-)</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>WH</td>
<td>46</td>
<td>Right Rear Speaker Control (+)</td>
<td>I</td>
</tr>
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</table>
Connector Part Information

- Harness Type: Body
- Service Connector: 6041824C1
- Description: 2-Way F 150 MX Series (BK)

Table 1130  Terminal Part Information

<table>
<thead>
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<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>6041964C1</td>
<td>J-35616-2A (GY)</td>
</tr>
</tbody>
</table>

Table 1131  P19AN Speaker - Left Rear Trim Panel (Standard Cab)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>L-GN / BK</td>
<td>116</td>
<td>Left Rear Speaker Signal (-)</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>L-GN</td>
<td>199</td>
<td>Left Rear Speaker Control (+)</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Body
- Service Connector: 6041824C1
- Description: 2-pin F 150 MX Series (BK)

### Table 1133  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
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<td>6041964C1</td>
<td>J-35616-2A (GY)</td>
</tr>
</tbody>
</table>

### Table 1134  P19AP Speaker – Right Rear Trim Panel (Standard Cab)

<table>
<thead>
<tr>
<th>Pin</th>
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<th>Color</th>
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<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>D-BU / BK</td>
<td>115</td>
<td>Right Rear Speaker Signal (-)</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>WH</td>
<td>46</td>
<td>Right Rear Speaker Control (+)</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040291C1
- Description: 2-pin F 1.5 Series (BK)

Table 1136  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>6041890C1</td>
<td>J-35616-4A (PU)</td>
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</table>

Table 1137  P19J Speaker – Left Instrument Panel (Feature Code: 0008RNU)

<table>
<thead>
<tr>
<th>Pin</th>
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<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BN / D-BU</td>
<td>118</td>
<td>Left Front Speaker Signal (-) 1</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>D-BU</td>
<td>201</td>
<td>Left Front Speaker Control (+) 1</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040291C1
- Description: 2-pin F 1.5 Series (BK)

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041890C1</td>
<td>J-35616-2A (GY)</td>
</tr>
</tbody>
</table>

Table 1139 Terminal Part Information

Table 1140 P19W Speaker – Right Instrument Panel (Feature Code: 0008RNU)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>YE / BK</td>
<td>117</td>
<td>Right Front Speaker Signal (-) 1</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>YE</td>
<td>200</td>
<td>Right Front Speaker Control (+) 1</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: 6040245C1
- Description: 2-pin F 1.2 MCP Series, Sealed (BK)

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>6041991C1 0.75mm, 6042042C1 1mm</td>
<td>J-35616-16 (LT GN)</td>
</tr>
</tbody>
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Table 1143  Q2 A / C Compressor Clutch (Feature Code: 0016XZA)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>BK</td>
<td>550</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>BN / L-GN</td>
<td>59</td>
<td>A / C Compressor Clutch Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine
- Service Connector: 6040263C1
- Description: 6-Way F 1.6 Micro-Timer Series, Sealed (GY)

<table>
<thead>
<tr>
<th>Table 1145  Terminal Part Information</th>
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<tbody>
<tr>
<td><strong>Terminal Type ID</strong></td>
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<tr>
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<table>
<thead>
<tr>
<th>Table 1146  Q14 Exhaust Gas Recirculation Valve</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pin</strong></td>
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<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
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</table>
### Table 1146  Q14 Exhaust Gas Recirculation Valve (cont.)

<table>
<thead>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>0.5</td>
<td>VT / BK</td>
<td>5746</td>
<td>Exhaust Gas Recirculation Valve Motor Low Signal</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>0.5</td>
<td>BU / RD</td>
<td>2702</td>
<td>Exhaust Gas Recirculation 5 volt Reference 2</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine
- Service Connector: 6040272C1
- Description: 2-Way F 2.8 Series, Sealed (BK)

Table 1148  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>3689960C1</td>
<td>J-35616-35 (VT)</td>
</tr>
</tbody>
</table>

Table 1149  Q17A Fuel Injector 1

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>BN</td>
<td>4801</td>
<td>Direct Fuel Injector (DFI) High Voltage Control Cylinder 1</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>BN/WH</td>
<td>4901</td>
<td>Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine
- Service Connector: 6040272C1
- Description: 2-Way F 2.8 Series, Sealed (BK)

Table 1151  Terminal Part Information

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<th>Terminal Type ID</th>
<th>Service Terminal</th>
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<tr>
<td>I</td>
<td>3689960C1</td>
<td>J-35616-35 (VT)</td>
</tr>
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Table 1152  Q17B Fuel Injector 2

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>BU</td>
<td>4802</td>
<td>Direct Fuel Injector (DFI) High Voltage Control Cylinder 2</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>BU / GY</td>
<td>4902</td>
<td>Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Engine
- Service Connector: 6040272C1
- Description: 2-Way F 2.8 Series, Sealed (BK)

Table 1154  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>3689960C1</td>
<td>J-35616-35 (VT)</td>
</tr>
</tbody>
</table>

Table 1155  Q17C Fuel Injector 3

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>GN</td>
<td>4803</td>
<td>Direct Fuel Injector (DFI) High Voltage Control Cylinder 3</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>GN / GY</td>
<td>4903</td>
<td>Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine
- Service Connector: 6040272C1
- Description: 2-Way F 2.8 Series, Sealed (BK)

Table 1157  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>1</td>
<td>3689960C1</td>
<td>J-35616-35 (VT)</td>
</tr>
</tbody>
</table>

Table 1158  Q17D Fuel Injector 4

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>GY / BU</td>
<td>4804</td>
<td>Direct Fuel Injector (DFI) High Voltage Control Cylinder 4</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>BU / WH</td>
<td>4904</td>
<td>Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4</td>
<td>1</td>
</tr>
</tbody>
</table>
### Connector Part Information
- Harness Type: Engine
- Service Connector: 6040272C1
- Description: 2-Way F 2.8 Series, Sealed (BK)

### Table 1160 Terminal Part Information

<table>
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<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
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<tr>
<td>I</td>
<td>3689960C1</td>
<td>J-35616-35 (VT)</td>
</tr>
</tbody>
</table>

### Table 1161 Q17E Fuel Injector 5

<table>
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<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>WH / GN</td>
<td>4805</td>
<td>Direct Fuel Injector (DFI) High Voltage Control Cylinder 5</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>GN / WH</td>
<td>4905</td>
<td>Direct Fuel Injector (DFI) High Voltage Supply Cylinder 5</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Engine
- Service Connector: 6040272C1
- Description: 2-pin F 2.8 Series, Sealed (BK)

Table 1163 Terminal Part Information

<table>
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<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>3689960C1</td>
<td>J-35616-35 (VT)</td>
</tr>
</tbody>
</table>

Table 1164 Q17F Fuel Injector 6

<table>
<thead>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>VT / GN</td>
<td>4806</td>
<td>Direct Fuel Injector (DFI) High Voltage Control Cylinder 6</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>VT / GY</td>
<td>4906</td>
<td>Direct Fuel Injector (DFI) High Voltage Supply Cylinder 6</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine
- Service Connector: 6040272C1
- Description: 2-Way F 2.8 Series, Sealed (BK)

Table 1166  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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<tr>
<td>I</td>
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<td>J-35616-35 (VT)</td>
</tr>
</tbody>
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Table 1167  Q17G Fuel Injector 7

<table>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>YE / GY</td>
<td>4807</td>
<td>Direct Fuel Injector (DFI) High Voltage Control Cylinder 7</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>WH / YE</td>
<td>4907</td>
<td>Direct Fuel Injector (DFI) High Voltage Supply Cylinder 7</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine
- Service Connector: 6040272C1
- Description: 2-pin F 2.8 Series, Sealed (BK)

Table 1169  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
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<tbody>
<tr>
<td>I</td>
<td>3689960C1</td>
<td>J-35616-35 (VT)</td>
</tr>
</tbody>
</table>

Table 1170  Q17H Fuel Injector 8

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>GY</td>
<td>4808</td>
<td>Direct Fuel Injector (DFI) High Voltage Control Cylinder 8</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>GY / WH</td>
<td>4908</td>
<td>Direct Fuel Injector (DFI) High Voltage Supply Cylinder 8</td>
<td>I</td>
</tr>
</tbody>
</table>
**Connector Part Information**
- Harness Type: Engine Left
- Service Connector: Service by Harness
- Description: 2-pin F 2.8 Series, Sealed (BK)

### Table 1172  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>3689960C1</td>
<td>J-35616-35 (VT)</td>
</tr>
</tbody>
</table>

### Table 1173  Q18A Fuel Pressure Regulator 1

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BN / BK</td>
<td>2929</td>
<td>Fuel Metering Valve Low Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>YE</td>
<td>2928</td>
<td>Fuel Metering Valve High Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine
- Service Connector: 6040300C1
- Description: 2-Way F 1.5 Series, Sealed (BK)

Table 1175  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
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<tbody>
<tr>
<td>I</td>
<td>6041974C1</td>
<td>J-35616-16 (LT GN)</td>
</tr>
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</table>

Table 1176  Q18B Fuel Pressure Regulator 2

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>BK / YE</td>
<td>2834</td>
<td>Fuel Rail Pressure Solenoid Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>BU / WH</td>
<td>2530</td>
<td>Fuel Rail Pressure Solenoid Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine
- Service Connector: 6040301C1
- Description: 6-pin F 1.2 MCON Series, Sealed (BK)

Table 1178 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041894C1</td>
<td>J-35616-16 (LT GN)</td>
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</table>

Table 1179 Q20 Intake Air Flow Valve

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>YE</td>
<td>581</td>
<td>Throttle Actuator Control Open</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>BN / WH</td>
<td>582</td>
<td>Throttle Actuator Control Close</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>BU / WH</td>
<td>3630</td>
<td>Throttle Position Sensor (SENT1) Signal</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>BK / BN</td>
<td>2752</td>
<td>Throttle Position Sensor Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>BN / RD</td>
<td>2701</td>
<td>Throttle Position Sensor 5 volt Reference</td>
<td>I</td>
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<tr>
<td>6</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
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</table>
Q23 Line Pressure Control Solenoid Valve

**Connector Part Information**
- Harness Type: Engine
- Service Connector: Service by Harness
- Description: 2-Way

**Table 1181  Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
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</tr>
</tbody>
</table>

**Table 1182  Q23 Line Pressure Control Solenoid Valve**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>—</td>
<td>—</td>
<td>111</td>
<td>Transmission Solenoid Supply</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>—</td>
<td>—</td>
<td>174</td>
<td>Transmission Mainline Pressure Solenoid Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Q27A Pressure Control Solenoid Valve 1

Connector Part Information
- Harness Type: Transmission
- Service Connector: Service by Harness
- Description: 2-Way

Table 1184  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tr>
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<td>Not Available</td>
</tr>
</tbody>
</table>

Table 1185  Q27A Pressure Control Solenoid Valve 1

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>—</td>
<td>—</td>
<td>111</td>
<td>Transmission Solenoid Supply</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>—</td>
<td>—</td>
<td>155</td>
<td>Pressure Control Solenoid Valve 1 Low Control</td>
<td>I</td>
</tr>
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</table>
Q27B Pressure Control Solenoid Valve 2

Connector Part Information

- Harness Type: Transmission
- Service Connector: Service by Harness
- Description: 2-Way

<table>
<thead>
<tr>
<th>Table 1187  Terminal Part Information</th>
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</thead>
<tbody>
<tr>
<td><strong>Terminal Type ID</strong></td>
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<table>
<thead>
<tr>
<th>Table 1188  Q27B Pressure Control Solenoid Valve 2</th>
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<tr>
<td><strong>Pin</strong></td>
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<tr>
<td>A</td>
</tr>
<tr>
<td>B</td>
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</table>
Q27C Pressure Control Solenoid Valve 3

**Connector Part Information**
- Harness Type: Transmission
- Service Connector: Service by Harness
- Description: 2-Way

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tr>
<td>I</td>
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</table>

**Table 1191 Q27C Pressure Control Solenoid Valve 3**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
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<tr>
<td>A</td>
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<td>—</td>
<td>131</td>
<td>Transmission Solenoid Supply</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>—</td>
<td>—</td>
<td>137</td>
<td>Pressure Control Solenoid Valve 1 Low Control</td>
<td>I</td>
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</tbody>
</table>
Q32A Shift Solenoid Valve 1

Connector Part Information

- Harness Type: Transmission
- Service Connector: Service by Harness
- Description: 2-Way

Table 1193  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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<th>Diagnostic Test Probe</th>
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</tbody>
</table>

Table 1194  Q32A Shift Solenoid Valve 1

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>—</td>
<td>—</td>
<td>171</td>
<td>Transmission Solenoid Supply</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>—</td>
<td>—</td>
<td>152</td>
<td>1 Shift Solenoid Valve Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Q32B Shift Solenoid Valve 2

Connector Part Information
- Harness Type: Transmission
- Service Connector: Service by Harness
- Description: 2-Way

Table 1196  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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<th>Diagnostic Test Probe</th>
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</table>

Table 1197  Q32B Shift Solenoid Valve 2

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td></td>
<td>171</td>
<td>Transmission Solenoid Supply</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td></td>
<td></td>
<td>133</td>
<td>2 Shift Solenoid Valve Control</td>
<td>I</td>
</tr>
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</table>
Q32C Shift Solenoid Valve 3

**Connector Part Information**
- Harness Type: Transmission
- Service Connector: Service by Harness
- Description: 2-Way

### Table 1199  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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### Table 1200  Q32C Shift Solenoid Valve 3

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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>—</td>
<td>—</td>
<td>171</td>
<td>Transmission Solenoid Supply</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>—</td>
<td>—</td>
<td>151</td>
<td>3 Shift Solenoid Valve Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Q39A Torque Converter Clutch Pressure Control Solenoid Valve

Connector Part Information
- Harness Type: Transmission
- Service Connector: Service by Harness
- Description: 2-Way

<table>
<thead>
<tr>
<th>Table 1202  Terminal Part Information</th>
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<tbody>
<tr>
<td>Terminal Type ID</td>
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<tr>
<td>I</td>
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<table>
<thead>
<tr>
<th>Table 1203  Q39A Torque Converter Clutch Pressure Control Solenoid Valve</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin</td>
</tr>
<tr>
<td>-----</td>
</tr>
<tr>
<td>A</td>
</tr>
<tr>
<td>B</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Engine Chassis
- Service Connector: 6040236C1
- Description: 2-Way F 1.2 MCP Series, Sealed (BK with NA Inner Connector)

Table 1205  Terminal Part Information

<table>
<thead>
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<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>1</td>
<td>6041991C1</td>
<td>J-35616-16 (LT GN)</td>
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Table 1206  Q46 A / C Compressor Solenoid Valve (Feature Code: 0016XZA)

<table>
<thead>
<tr>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>D-BU / YE</td>
<td>7574</td>
<td>Electric Variable Displacement Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>D-BU / BN</td>
<td>7573</td>
<td>Electric Variable Displacement Supply</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Engine Chassis
- Service Connector: 6040300C1
- Description: 2-pin F 1.5 Series, Sealed (BK)

Table 1208  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>6041974C1</td>
<td>J-35616-2A (GY)</td>
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</tbody>
</table>

Table 1209  Q61 Reductant Injector

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>BN</td>
<td>3099</td>
<td>DEF Dosing Valve High Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>BN / WH</td>
<td>3100</td>
<td>DEF Dosing Valve Low Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine Chassis
- Service Connector: Service by Harness
- Description: 6-Way F Sealed

Table 1211  Terminal Part Information

<table>
<thead>
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<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
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Table 1212  Q85 Cooling Fan Clutch

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>—</td>
<td>RD</td>
<td>2368</td>
<td>Cooling Fan Control Signal</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>I</td>
</tr>
<tr>
<td>C</td>
<td>—</td>
<td>OG</td>
<td>2365</td>
<td>Cooling Fan Speed 5V Reference</td>
<td>I</td>
</tr>
<tr>
<td>D</td>
<td>—</td>
<td>WH</td>
<td>2364</td>
<td>Cooling Fan Speed Signal</td>
<td>I</td>
</tr>
<tr>
<td>E</td>
<td>—</td>
<td>BK</td>
<td>6141</td>
<td>Cooling Fan Speed Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>F</td>
<td>—</td>
<td>GN</td>
<td>550</td>
<td>Ground</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Engine Chassis
- OEM Connector: 1661375C2
- Description: 5-Way F 280 Metri-Pack Series, Sealed (GY)

Table 1214 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
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<tr>
<td>I</td>
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Table 1215 Q101 Rear Air Suspension Control Valve (00014899)

<table>
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<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2</td>
<td>BK</td>
<td>4461-G</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>B-C</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>D</td>
<td>0.75</td>
<td>GN</td>
<td>6094</td>
<td>Left / Rear Air Spring Solenoid Control</td>
<td>I</td>
</tr>
<tr>
<td>E</td>
<td>0.75</td>
<td>GN / GY</td>
<td>6095</td>
<td>Right Rear Air Spring Solenoid Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Chassis
- Service Connector: 3991593C1
- Description: 4-Way F 1.5 DT Series, Sealed (GY)

Table 1217  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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<tbody>
<tr>
<td>I</td>
<td>3757932C1</td>
<td>J-35616-2A (GY)</td>
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Table 1218  R50 Brake Booster Diode

<table>
<thead>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>WH / BU</td>
<td>6311</td>
<td>Cruise / ETC / TCC Brake Signal</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>GY</td>
<td>90DB</td>
<td>Brake Pipe Pressure Switch Signal</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>GY</td>
<td>90DD</td>
<td>Brake Pipe Pressure Switch Signal (Diode)</td>
<td>—</td>
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</tbody>
</table>
Connector Part Information
- Harness Type: Chassis
- Service Connector: 3683465C1
- Description: 2-pin F 150 GT Series, Sealed (BK)

Table 1220 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>3535302C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

Table 1221 R6A Terminating Resistor – High Speed Bus

<table>
<thead>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.5</td>
<td>BU</td>
<td>2500</td>
<td>High Speed GMLAN Serial Data (+) 1</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>0.5</td>
<td>WH</td>
<td>2501</td>
<td>High Speed GMLAN Serial Data (-) 1</td>
<td>I</td>
</tr>
</tbody>
</table>
## Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040203C1
- Description: 2-pin F 150 GT Series, Sealed (BK)

### Table 1223 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042023C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

### Table 1224 R6F Terminating Resistor – High Speed Extension Bus 2

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.5</td>
<td>D-BU / L-GN</td>
<td>1304</td>
<td>High Speed GMLAN Serial Data (+) 9</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>0.5</td>
<td>WH / L-GN</td>
<td>1305</td>
<td>High Speed GMLAN Serial Data (-) 9</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Floor Console
- Service Connector: Service by Harness
- Description: 4-Way M HCM Series (BK)

Table 1226  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-4A (PU)</td>
</tr>
</tbody>
</table>

Table 1227  S3 Transmission Shift Lever

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>BU / GY</td>
<td>553</td>
<td>Shift Select Switch Performance</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>BK / WH</td>
<td>1815</td>
<td>Signal Ground</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>VT / YE</td>
<td>5526</td>
<td>Tap Up / Tap Down Switch Signal</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>BK / WH</td>
<td>1851</td>
<td>Signal Ground</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Floor Console
- OEM Connector: 10787635
- Description: 2-pin F 1.2 Timer Series (NA)

Table 1229  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041942C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

Table 1230  S5 Center Console Compartment Lamp Switch (Feature Code: 0016XCN)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>WH / BN</td>
<td>6815</td>
<td>Inadvertent Power Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>WH / BN</td>
<td>6815</td>
<td>Inadvertent Power Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Overhead Console
- Service Connector: Service by Harness
- Description: 4-pin F 0.64 Micro-Quadlock Series (BN)

Table 1232  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042008C1</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 1233  S12 Dome Lamp Switch

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>GY / L-GN</td>
<td>328</td>
<td>Interior Lamp Defeat Switch Signal</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>GY</td>
<td>156</td>
<td>Courtesy Lamp Switch Signal</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>YE</td>
<td>6817</td>
<td>LED Backlight Dimming Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Door Trim
- Service Connector: Service by Harness
- Description: 6-pin F 0.64 HCM Series (BK)

Table 1235  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042029C1</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 1236  S13D Door Lock Switch – Driver (Feature Code: 0016WAK)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>YE</td>
<td>6817</td>
<td>LED Backlight Dimming Control</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>BN / YE</td>
<td>780</td>
<td>Driver Door Lock Switch Lock Signal</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>BN / WH</td>
<td>781</td>
<td>Driver Door Lock Switch Unlock Signal</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>BK</td>
<td>1150</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Door Trim
- Service Connector: Service by Harness
- Description: 10-pin F 0.64 Kaizen Series (BK)

Table 1238  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041998C1</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 1239  S13D Door Lock Switch – Driver (Without Feature Code: 0016WAK)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>1. BK</td>
<td>1. 1150</td>
<td>1. Ground</td>
<td>I</td>
</tr>
<tr>
<td>2-3</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>4. YE</td>
<td>4. 6817</td>
<td>4. LED Backlight Dimming Control</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
<td>0.35</td>
<td>6. BN / YE</td>
<td>6. 780</td>
<td>6. Driver Door Lock Switch Lock Signal</td>
<td>I</td>
</tr>
</tbody>
</table>
Table 1239  S13D Door Lock Switch – Driver (Without Feature Code: 0016WAK) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>0.35</td>
<td>7. BN/WH</td>
<td>7. 781</td>
<td>7. Driver Door Lock Switch Unlock Signal</td>
<td>1</td>
</tr>
<tr>
<td>8-10</td>
<td></td>
<td></td>
<td></td>
<td>Not Occupied</td>
<td></td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Passenger Door Trim
- Service Connector: Service by Harness
- Description: 6-Way F 0.64 HCM Series (BK)

**Table 1241 Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042029C1</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

**Table 1242 S13P Door Lock Switch – Passenger (Feature Code: 0016WAK)**

<table>
<thead>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>2. YE</td>
<td>2. 6817</td>
<td>2. LED Backlight Dimming Control</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>3. YE / VT</td>
<td>3. 244</td>
<td>3. Passenger Door Lock Switch Lock Control</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>4. BN / VT</td>
<td>4. 245</td>
<td>4. Passenger Door Lock Switch Unlock Control</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>5. BK</td>
<td>5. 1250</td>
<td>5. Ground</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Passenger Door Trim
- Service Connector: Service by Harness
- Description: 10-pin F 0.64 Kaizen Series (BK)

Table 1244  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
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<tbody>
<tr>
<td>I</td>
<td>6041998C1</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 1245  S13P Door Lock Switch – Passenger (Without Feature Code: 0016WAK)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>BK</td>
<td>1250</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>2-3</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>YE</td>
<td>6817</td>
<td>LED Backlight Dimming Control</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
<td>0.35</td>
<td>YE / VT</td>
<td>244</td>
<td>Passenger Door Lock Switch Lock Control</td>
<td>I</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
</tr>
<tr>
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<td>---------</td>
<td>-----------------------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>7</td>
<td>0.35</td>
<td>BN / VT</td>
<td>245</td>
<td>Passenger Door Lock Switch Unlock Control</td>
<td>1</td>
</tr>
<tr>
<td>8-10</td>
<td></td>
<td></td>
<td></td>
<td>Not Occupied</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040196C1
- Description: 12-Way F 0.64 OCS Series (BK)

Table 1247  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042048C1</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 1248  S30 Headlight Switch

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>WH / VT</td>
<td>103</td>
<td>Headlight Switch On Signal</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>YE</td>
<td>6817</td>
<td>LED Backlight Dimming Control</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>L-GN / BN</td>
<td>306</td>
<td>Headlight Switch Headlights Off Signal Control</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>L-GN / GY</td>
<td>13</td>
<td>Headlight Switch Park Lamp Signal</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
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<td>7</td>
<td>0.35</td>
<td>BK / YE</td>
<td>5005</td>
<td>Instrument Panel Lamp Dimmer Switch Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>8</td>
<td>0.5</td>
<td>BK</td>
<td>1850</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>9</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>10</td>
<td>0.35</td>
<td>D-BU / GY</td>
<td>192</td>
<td>Front Fog Lamp Switch Signal</td>
<td>I</td>
</tr>
<tr>
<td>11</td>
<td>0.35</td>
<td>YE / GY</td>
<td>44</td>
<td>Instrument Panel Lamp Dimmer Switch Signal</td>
<td>I</td>
</tr>
<tr>
<td>12</td>
<td>0.35</td>
<td>D-BU / RD</td>
<td>1688</td>
<td>5 volt Reference</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040269C1
- Description: 4-pin F 0.64 Micro-Quadlock Series (BK)

Table 1250  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042016C1 0.35mm</td>
<td>J-35616-64B (LT BU)</td>
</tr>
<tr>
<td></td>
<td>6041942C1 0.5mm</td>
<td></td>
</tr>
</tbody>
</table>

Table 1251  S32D Seat Heating Switch – Driver (Feature Code: 0016XJR)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>BK</td>
<td>1850</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>L-GN/WH</td>
<td>7527</td>
<td>Local Interconnect Network Serial Data Bus 5</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>RD/GY</td>
<td>2840</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040269C1
- Description: 4-pin F 0.64 Micro-Quadlock Series (BK)

Table 1253  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6042016C1 0.35mm-0.5mm</td>
<td>J-35616-64B (LT BU)</td>
</tr>
<tr>
<td></td>
<td>6041942C1 0.75mm</td>
<td></td>
</tr>
</tbody>
</table>

Table 1254  S32P Seat Heating Switch – Passenger (Feature Code: 0016XJR)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>RD / GY</td>
<td>2840</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>L-GN / WH</td>
<td>7527</td>
<td>Local Interconnect Network Serial Data Bus 5</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.75</td>
<td>BK</td>
<td>1850</td>
<td>Ground</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: Service by Harness
- Description: 6-Way F 0.64 Generation Y Series (BK)

Table 1256  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-4A (PU)</td>
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Table 1257  S39 Ignition Switch

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>VT / BK</td>
<td>3</td>
<td>Run / Crank Ignition 1 Voltage</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>VT / YE</td>
<td>4</td>
<td>Accessory Ignition Voltage</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>RD / BU</td>
<td>540</td>
<td>Battery Positive Voltage</td>
<td>—</td>
</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>WH / VT</td>
<td>1020</td>
<td>Off / Run / Crank Ignition Voltage</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
<td>0.5</td>
<td>WH / BK</td>
<td>1073</td>
<td>Ignition Key Resistor Signal</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Instrument Panel
- Service Connector: 6040294C1
- Description: 6-Way F 150 Metri-Pack Series (YE)

Table 1259  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>3577860C1</td>
<td>J-35616-14 (GN)</td>
</tr>
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Table 1260  S40 Passenger Air Bag Disable Switch (Feature Code: 0016XCR) (C99)

<table>
<thead>
<tr>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.35</td>
<td>D-BU/OG</td>
<td>7328</td>
<td>Passenger IP Module Disable Switch Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>B-C</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>D</td>
<td>0.35</td>
<td>VT/OG</td>
<td>371</td>
<td>Passenger IP Module Disable Switch Signal</td>
<td>I</td>
</tr>
<tr>
<td>E-F</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Instrument Panel
- Service Connector: 6040209C1
- Description: 18-pin F 0.64 Series (BK)

Table 1262  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>6041942C1</td>
<td>J-35616-64B (LT BU)</td>
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<tr>
<td>II</td>
<td>6042016C1</td>
<td>J-35616-64B (LT BU)</td>
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Table 1263  S48A Multifunction Switch – Instrument Panel X1

<table>
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<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>YE</td>
<td>6817</td>
<td>LED Backlight Dimming Control</td>
<td>II</td>
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<tr>
<td>2</td>
<td>0.35</td>
<td>WH</td>
<td>6816</td>
<td>Indicator Dimming Control</td>
<td>II</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>VT/D-BU</td>
<td>5956</td>
<td>Leveling Compressor Relay Coil Control</td>
<td>II</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>VT / WH</td>
<td>239</td>
<td>Run / Crank Ignition 1 Voltage</td>
<td>II</td>
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<td>5</td>
<td>0.5</td>
<td>BN / L-GN</td>
<td>603</td>
<td>A / C Low Pressure Switch Signal</td>
<td>II</td>
</tr>
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<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
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<td>6</td>
<td>0.35</td>
<td>WH/L-GN</td>
<td>320</td>
<td>Automatic Level Control Exhaust Solenoid Control</td>
<td>II</td>
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<tr>
<td>7</td>
<td>0.5</td>
<td>BN / WH</td>
<td>1429</td>
<td>Standing Lamp Relay Control</td>
<td>I</td>
</tr>
<tr>
<td>8</td>
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<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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<tr>
<td>9</td>
<td>0.35</td>
<td>VT/WH</td>
<td>1139</td>
<td>Run/Crank Ignition 1 Voltage</td>
<td>II</td>
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<tr>
<td>10</td>
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<td>WH / D-BU</td>
<td>964</td>
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<td>11</td>
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<td>L-GN / GY</td>
<td>963</td>
<td>—</td>
<td>II</td>
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<td>12</td>
<td>0.5</td>
<td>RD / WH</td>
<td>961</td>
<td>—</td>
<td>II</td>
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<td>13</td>
<td>0.5</td>
<td>YE / WH</td>
<td>962</td>
<td>—</td>
<td>II</td>
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<tr>
<td>14</td>
<td>0.75</td>
<td>BK</td>
<td>1850</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>15-16</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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<tr>
<td>17</td>
<td>0.35</td>
<td>D-BU / VT</td>
<td>1788</td>
<td>Traction Control Switch Signal 1</td>
<td>II</td>
</tr>
<tr>
<td>18</td>
<td>0.5</td>
<td>GY</td>
<td>158</td>
<td>Cargo Lamp Switch Signal</td>
<td>II</td>
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Connector Part Information
- Harness Type: Instrument Panel
- Service Connector: 6040231C1
- Description: 6-Way F 0.64 HCM Series (BK)

Table 1265  Terminal Part Information

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<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<td>I</td>
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Table 1266  S48A Multifunction Switch – Instrument Panel X2

<table>
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<tr>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>BN / L-GN</td>
<td>4311</td>
<td>Power Take-off Enable In Cab Switch Normally Closed Signal</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>L-GN / WH</td>
<td>488</td>
<td>Power Take-off Control Switch</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>VT / L-GN</td>
<td>1739</td>
<td>Run / Crank Ignition 1 Voltage</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>L-GN / YE</td>
<td>2081</td>
<td>Exhaust Brake Switch Control</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>L-GN / WH</td>
<td>3438</td>
<td>Exhaust Brake Switch Signal</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
</tbody>
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Connector Part Information

- Harness Type: Driver Door Trim
- Service Connector: Service by Harness
- Description: 12-pin F64 Series, Sealed (GY)

Table 1268  Terminal Part Information

<table>
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<tr>
<th>Terminal Type ID</th>
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<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>6041997C1 0.5mm</td>
<td>J-35616-64B (LT BU)</td>
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Table 1269  S52 Outside Rearview Mirror Switch (Feature Code: 0016SPS)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>YE / VT</td>
<td>3397</td>
<td>Passenger Mirror Motor Up (+) Down (-) Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>WH / L-GN</td>
<td>3412</td>
<td>Driver Mirror Motor Fold In Control</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.75</td>
<td>YE / BN</td>
<td>3391</td>
<td>Driver Mirror Motor Common Control</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.75</td>
<td>L-GN / BK</td>
<td>3396</td>
<td>Passenger Mirror Motor Right (+) Left (-) Control</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>0.75</td>
<td>BK</td>
<td>1150</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>0.35</td>
<td>YE</td>
<td>6817</td>
<td>LED Backlight Dimming Control</td>
<td>I</td>
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Table 1269  S52 Outside Rearview Mirror Switch (Feature Code: 0016SPS) (cont.)

<table>
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<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>0.75</td>
<td>VT / D-BU</td>
<td>3390</td>
<td>Driver Mirror Motor Up (+) Down (-) Control</td>
<td>I</td>
</tr>
<tr>
<td>8</td>
<td>0.75</td>
<td>WH</td>
<td>3398</td>
<td>Passenger Mirror Motor Common Control</td>
<td>I</td>
</tr>
<tr>
<td>9</td>
<td>0.75</td>
<td>GY / WH</td>
<td>3411</td>
<td>Driver Mirror Motor Fold Out Control</td>
<td>I</td>
</tr>
<tr>
<td>10</td>
<td>0.75</td>
<td>BN / BK</td>
<td>3389</td>
<td>Driver Mirror Motor Right (+) Left (-) Control</td>
<td>I</td>
</tr>
<tr>
<td>11</td>
<td>—</td>
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<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>12</td>
<td>0.75</td>
<td>RD / VT</td>
<td>1940</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Overhead Console
- Service Connector: Service by Harness
- Description: 5-pin F HCM Series (BK)

Table 1271  Terminal Part Information

<table>
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<th>Terminal Type ID</th>
<th>Service Terminal</th>
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<tbody>
<tr>
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<td>6042029C1</td>
<td>J-35616-64B (LT BU)</td>
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Table 1272  S63 Roof Beacon Switch (Feature Code: 0008XKS)

<table>
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<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>YE</td>
<td>6817</td>
<td>LED Backlight Dimming Control</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>RD / YE</td>
<td>240</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>WH / BK</td>
<td>5990</td>
<td>Emergency Lamp Switch Signal</td>
<td>I</td>
</tr>
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<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Seat Cushion
- Service Connector: Service by Harness
- Description: 10-pin F YESC Kaizen Series (L-GY)

Table 1274 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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</thead>
<tbody>
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<td>I</td>
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</tbody>
</table>

Table 1275 S64D Seat Adjuster Switch – Driver X1 (Feature Code: 0016KVV / 0016KVU)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td>L-GN / BN</td>
<td>286</td>
<td>Driver Power Seat Front Vertical Motor Up Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>2.5</td>
<td>BK</td>
<td>1150</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>1.5</td>
<td>YE / L-BU</td>
<td>285</td>
<td>Driver Power Seat Horizontal Motor Forward Control</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>1.5</td>
<td>L-GN / YE</td>
<td>276</td>
<td>Driver Power Seat Recline Motor Forward Control</td>
<td>I</td>
</tr>
</tbody>
</table>
### Table 1275  S64D Seat Adjuster Switch – Driver X1 (Feature Code: 0016KVV / 0016KVU) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>1.5</td>
<td>L-BU / VT</td>
<td>287</td>
<td>Driver Power Seat Front Vertical Motor Down Control</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>2.5</td>
<td>RD / YE</td>
<td>5040</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>7</td>
<td>1.5</td>
<td>GY / L-GN</td>
<td>284</td>
<td>Driver Power Seat Horizontal Motor Rearward Control</td>
<td>I</td>
</tr>
<tr>
<td>8</td>
<td>1.5</td>
<td>YE</td>
<td>282</td>
<td>Driver Power Seat Rear Vertical Motor Up Control</td>
<td>I</td>
</tr>
<tr>
<td>9</td>
<td>1.5</td>
<td>L-BU / YE</td>
<td>277</td>
<td>Driver Power Seat Recline Motor Rearward Control</td>
<td>I</td>
</tr>
<tr>
<td>10</td>
<td>1.5</td>
<td>GY / L-BU</td>
<td>283</td>
<td>Driver Power Seat Rear Vertical Motor Down Control</td>
<td>I</td>
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</tbody>
</table>
Connector Part Information
- Harness Type: Driver Seat Cushion
- Service Connector: Service by Harness
- Description: 8-Way F 2.8 Series (L-GY)

Table 1277  Terminal Part Information

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<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<td>J-35616-35 (VT)</td>
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<tr>
<td>II</td>
<td>6042071C1</td>
<td>J-35616-4A (PU)</td>
</tr>
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Table 1278  S64D Seat Adjuster Switch – Driver X2 (Feature Code: 0016KVV / 0016KVU)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
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</thead>
<tbody>
<tr>
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<td>WH</td>
<td>1066</td>
<td>Driver Seat Lumbar Up Switch Signal</td>
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<td>2</td>
<td>1.5</td>
<td>L-BU</td>
<td>611</td>
<td>Driver Power Seat Lumbar Motor Forward Control</td>
<td>II</td>
</tr>
<tr>
<td>3-4</td>
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<td>—</td>
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</tr>
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<td>YE / BK</td>
<td>1067</td>
<td>Driver Seat Lumbar Down Switch Signal</td>
<td>I</td>
</tr>
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<td>Pin</td>
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<td>Color</td>
<td>Circuit</td>
<td>Function</td>
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<td>-----------------------------------------------</td>
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</tr>
<tr>
<td>6</td>
<td>1.5</td>
<td>VT</td>
<td>610</td>
<td>Driver Power Seat Lumbar Motor Rearward Control</td>
<td>II</td>
</tr>
<tr>
<td>7-8</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
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Table 1278  S64D Seat Adjuster Switch – Driver X2 (Feature Code: 0016KVV / 0016KVU) (cont.)
Connector Part Information
- Harness Type: Passenger Seat Cushion
- Service Connector: Service by Harness
- Description: 10-pin F YESC Kaizen Series (L-GY)

Table 1280  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tr>
<td>I</td>
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<td>J-35616-4A (PU)</td>
</tr>
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Table 1281  S64P Seat Adjuster Switch – Passenger X1 (Feature Code: 0016KVV / AG2)

<table>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>1.5</td>
<td>GN</td>
<td>76</td>
<td>Passenger Power Seat Recline Motor Forward Control</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>1.5</td>
<td>YE/WH</td>
<td>296</td>
<td>Passenger Power Seat Horizontal Motor Forward Control</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>5</td>
<td>2.5</td>
<td>BK</td>
<td>1250</td>
<td>Ground</td>
<td>I</td>
</tr>
</tbody>
</table>
## Table 1281  S64P Seat Adjuster Switch – Passenger X1 (Feature Code: 0016KVV / AG2) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
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<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
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<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>7</td>
<td>1.5</td>
<td>L-BU / BN</td>
<td>77</td>
<td>Passenger Power Seat Recline Motor Rearward Control</td>
<td>I</td>
</tr>
<tr>
<td>8</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>9</td>
<td>1.5</td>
<td>YE / L-BU</td>
<td>290</td>
<td>Passenger Power Seat Horizontal Motor Rearward Control</td>
<td>I</td>
</tr>
<tr>
<td>10</td>
<td>2.5</td>
<td>RD / BN</td>
<td>1440</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Passenger Seat Cushion
- Service Connector: Service by Harness
- Description: 8-pin F 2.8 Series (L-GY)

Table 1283  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tr>
<td>I</td>
<td>6042071C1</td>
<td>J-35616-4A (PU)</td>
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Table 1284  S64P Seat Adjuster Switch – Passenger X2 (Feature Code: 0016KVV / AG2)

<table>
<thead>
<tr>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>1.5</td>
<td>VT</td>
<td>210</td>
<td>Passenger Power Seat Lumbar Motor Rearward Control</td>
<td>I</td>
</tr>
<tr>
<td>4-5</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
<td>1.5</td>
<td>L-BU</td>
<td>211</td>
<td>Passenger Power Seat Lumbar Motor Forward Control</td>
<td>I</td>
</tr>
<tr>
<td>7-8</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Instrument Panel
- OEM Connector: Service by Harness
- Description: 3-Way F 0.64 Micro-Quadlock Series (PU)

**Table 1286  Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
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<tr>
<td>I</td>
<td>Not Available</td>
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</tr>
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</table>

**Table 1287  S70E Steering Wheel Controls Switch - Radio Presets (UK3)**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>WH / YE</td>
<td>4313</td>
<td>Radio Favorite Forward Signal</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>YE / BU</td>
<td>4312</td>
<td>Radio Favorite Back Signal</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Steering Wheel
- OEM Connector: Service by Harness
- Description: 3-Way F 0.64 Micro-Quadlock Series (PU)

### Table 1289  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
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<tr>
<td>I</td>
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</tr>
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### Table 1290  S70F Steering Wheel Controls Switch - Radio Presets (UK3)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>BU</td>
<td>4315</td>
<td>Radio Volume Up Signal</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>GN / BN</td>
<td>4314</td>
<td>Radio Volume Down Signal</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Instrument Panel
- OEM Connector: Service by Harness
- Description: 10-Way F 0.64 Micro-Quadlock Series (BK)

**Table 1292  Terminal Part Information**

<table>
<thead>
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<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tr>
<td>I</td>
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</tr>
</tbody>
</table>

**Table 1293  S70L Steering Wheel Controls Switch - Left**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>GY / OG</td>
<td>5737</td>
<td>Not Used</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>BN / YE</td>
<td>1884</td>
<td>Cruise Control Set / Coast / Resume / Accelerate Switch Signal</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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### Table 1293  S70L Steering Wheel Controls Switch - Left (cont.)

<table>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>0.35</td>
<td>YE</td>
<td>6817</td>
<td>LED Backlight Dimming Control</td>
<td>I</td>
</tr>
<tr>
<td></td>
<td>0.35</td>
<td>YE</td>
<td>6136</td>
<td>Control</td>
<td>I</td>
</tr>
<tr>
<td>7–8</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>9</td>
<td>0.35</td>
<td>WH</td>
<td>1444</td>
<td>12V Reference</td>
<td>I</td>
</tr>
<tr>
<td>10</td>
<td>0.35</td>
<td>RD / YE</td>
<td>3040</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
</tbody>
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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: Service by Harness
- Description: 10-Way F 0.64 Micro-Quadlock Series (BK)

Table 1295  Terminal Part Information

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Table 1296  S70R Steering Wheel Controls Switch - Right (UK3)

<table>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>YE</td>
<td>6817</td>
<td>LED Backlight Dimming Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>GN</td>
<td>3894</td>
<td>Local Interconnect Network Serial Data Bus 12</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>RD / YE</td>
<td>3040</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>0.35</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
</tr>
<tr>
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<td>--------</td>
<td>---------</td>
<td>---------------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>7</td>
<td>0.35</td>
<td>BU</td>
<td>4315</td>
<td>Radio Volume Up Signal</td>
<td>I</td>
</tr>
<tr>
<td>8</td>
<td>0.35</td>
<td>GN / BN</td>
<td>4314</td>
<td>Radio Volume Down Signal</td>
<td>I</td>
</tr>
<tr>
<td>9</td>
<td>0.35</td>
<td>WH / YE</td>
<td>4313</td>
<td>Radio Favorite Forward Signal</td>
<td>I</td>
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<tr>
<td>10</td>
<td>0.35</td>
<td>YE / BU</td>
<td>4312</td>
<td>Radio Favorite Back Signal</td>
<td>I</td>
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</tbody>
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Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040198C1
- Description: 8-pin F YESC Kaizen Series (BK)

Table 1298  Terminal Part Information

<table>
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<th>Terminal Type ID</th>
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<tbody>
<tr>
<td>I</td>
<td>6042047C1</td>
<td>J-35616-64B (LT BU)</td>
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Table 1299  S76 Trailer Brake Control Switch (J71)

<table>
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<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>D-BU / RD</td>
<td>7632</td>
<td>Integrated Trailer Brake Controller Switch 5 volt Reference</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>YE</td>
<td>7635</td>
<td>Integrated Trailer Brake Controller Manual Apply Signal</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>BN</td>
<td>7634</td>
<td>Integrated Trailer Brake Controller Redundant Manual Apply Signal</td>
<td>I</td>
</tr>
</tbody>
</table>
Table 1299  S76 Trailer Brake Control Switch (J71) (cont.)

<table>
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<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>0.5</td>
<td>L-GN / BK</td>
<td>7633</td>
<td>Integrated Trailer Brake Controller User Gain Signal</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>0.35</td>
<td>YE</td>
<td>6817</td>
<td>LED Backlight Dimming Control</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>0.5</td>
<td>BK / BN</td>
<td>7631</td>
<td>Integrated Trailer Brake Controller Switch Low Reference</td>
<td></td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040234C1
- Description: 12-pin F 64 Series, Sealed (GY)

Table 1301  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
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<tbody>
<tr>
<td>I</td>
<td>6042047C1</td>
<td>J-35616-64B (LT BU)</td>
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Table 1302  S77 Transfer Case Shift Control Switch (Feature Code: 0013TLP (0013WDB))

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>VT / BN</td>
<td>300</td>
<td>Run Ignition 3 Voltage</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>BN</td>
<td>1560</td>
<td>Neutral Indicator Control</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>WH</td>
<td>6816</td>
<td>Indicator Dimming Control</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>YE</td>
<td>6817</td>
<td>LED Backlight Dimming Control</td>
<td>I</td>
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<tr>
<td>6</td>
<td>0.5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
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</table>
### Table 1302  S77 Transfer Case Shift Control Switch (Feature Code: 0013TLP (0013WDB)) (cont.)

<table>
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<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
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<tbody>
<tr>
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<td>—</td>
<td>Not Occupied</td>
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<tr>
<td>8</td>
<td>0.35</td>
<td>L-GN / BK</td>
<td>1563</td>
<td>2 HI Indicator Control</td>
<td>I</td>
</tr>
<tr>
<td>9</td>
<td>0.35</td>
<td>BN / BK</td>
<td>1566</td>
<td>4 HI Indicator Control</td>
<td>I</td>
</tr>
<tr>
<td>10</td>
<td>0.35</td>
<td>VT / WH</td>
<td>1565</td>
<td>4 LO Indicator Control</td>
<td>I</td>
</tr>
<tr>
<td>11</td>
<td>0.35</td>
<td>GY / RD</td>
<td>6029</td>
<td>Four-wheel Drive Mode Switch 5 volt Reference</td>
<td>I</td>
</tr>
<tr>
<td>12</td>
<td>0.35</td>
<td>D-BU / YE</td>
<td>1693</td>
<td>Four-wheel Drive Switch Signal</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: Service by Harness
- Description: 16-Way F 1.5 Kaizen Series (GN)

Table 1304  Terminal Part Information

<table>
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<tr>
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<th>Service Terminal</th>
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<td>I</td>
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</tr>
</tbody>
</table>

Table 1305  S78 Turn Signal / Multifunction Switch X1

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1–3</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>GY</td>
<td>1715</td>
<td>Windshield Wiper Switch High Signal</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
<td>0.35</td>
<td>WH / BK</td>
<td>94</td>
<td>Windshield Washer Switch Signal</td>
<td>I</td>
</tr>
<tr>
<td>7</td>
<td>0.35</td>
<td>BK / GY</td>
<td>6009</td>
<td>Windshield Wiper Switch Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>8</td>
<td>0.35</td>
<td>YE / BU</td>
<td>1714</td>
<td>Windshield Wiper Switch Low Signal</td>
<td>I</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
</tr>
<tr>
<td>-----</td>
<td>------</td>
<td>---------</td>
<td>---------</td>
<td>---------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>9</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>10</td>
<td>0.35</td>
<td>YE / BN</td>
<td>307</td>
<td>Headlamp Switch Flash To Pass Signal</td>
<td>I</td>
</tr>
<tr>
<td>11–12</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
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</tr>
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<td>13</td>
<td>0.35</td>
<td>BK / WH</td>
<td>1851</td>
<td>Signal Ground</td>
<td>I</td>
</tr>
<tr>
<td>14</td>
<td>0.35</td>
<td>WH</td>
<td>524</td>
<td>Headlamp Dimmer Switch High Beam Signal</td>
<td>I</td>
</tr>
<tr>
<td>15–16</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: Service by Harness
- Description: 8-Way F 150 Metri-Pack Series (L-GY)

### Table 1307 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>None</td>
<td>J-35616-4A (PU)</td>
</tr>
</tbody>
</table>

### Table 1308 S78 Turn Signal / Multifunction Switch X2

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-B</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>C</td>
<td>0.35</td>
<td>BK / WH</td>
<td>1851</td>
<td>Signal Ground</td>
<td>I</td>
</tr>
<tr>
<td>D</td>
<td>0.35</td>
<td>VT / BU</td>
<td>664</td>
<td>Hazard Switch Right Turn Signal</td>
<td>I</td>
</tr>
<tr>
<td>E</td>
<td>0.35</td>
<td>WH / GN</td>
<td>663</td>
<td>Hazard Switch Left Turn Signal</td>
<td>I</td>
</tr>
<tr>
<td>F</td>
<td>0.35</td>
<td>BK / WH</td>
<td>1851</td>
<td>Signal Ground</td>
<td>I</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
</tr>
<tr>
<td>-----</td>
<td>------</td>
<td>----------</td>
<td>---------</td>
<td>----------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>G</td>
<td>0.35</td>
<td>GN / WH</td>
<td>111</td>
<td>Hazard Switch Signal</td>
<td>I</td>
</tr>
<tr>
<td>H</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Driver Door Trim
- Service Connector: Service by Harness
- Description: 12-pin F 0.64 Series, Sealed (BK)

Table 1310 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041997C1</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 1311 S79D Window Switch – Driver (Feature Code: 0016WAK)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.75</td>
<td>BK</td>
<td>1150</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>L-GN / VT</td>
<td>7628</td>
<td>Power Window Motor Left Front Express Control</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>GY</td>
<td>1136</td>
<td>Power Window Master Switch Left Front Down Signal</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>RD / VT</td>
<td>1940</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>L-GN / YE</td>
<td>6134</td>
<td>Local Interconnect Network Serial Data Bus 3</td>
<td>I</td>
</tr>
</tbody>
</table>
### Table 1311  S79D Window Switch – Driver (Feature Code: 0016WAK) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>0.35</td>
<td>L-GN / WH</td>
<td>1300</td>
<td>Power Window Master Switch Left Front Up Signal</td>
<td>I</td>
</tr>
<tr>
<td>7</td>
<td>0.35</td>
<td>WH / VT</td>
<td>3270</td>
<td>Driver Door Lock Motor Status Signal</td>
<td>I</td>
</tr>
<tr>
<td>8</td>
<td>0.35</td>
<td>D-BU / VT</td>
<td>1124</td>
<td>Door Lock Key Switch Unlock Signal</td>
<td>I</td>
</tr>
<tr>
<td>9</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>10</td>
<td>0.35</td>
<td>YE / BN</td>
<td>3265</td>
<td>Child Security Lock Switch Signal</td>
<td>I</td>
</tr>
<tr>
<td>11</td>
<td>0.35</td>
<td>WH</td>
<td>6816</td>
<td>Indicator Dimming Control</td>
<td>I</td>
</tr>
<tr>
<td>12</td>
<td>0.35</td>
<td>GY</td>
<td>5697</td>
<td>Child Lockout Indicator Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Left Rear Door
- Service Connector: Service by Harness
- Description: 8-pin F 2.8 Series (BK)

Table 1313 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041885C1</td>
<td>J-35616-35 (VT)</td>
</tr>
</tbody>
</table>

Table 1314 S79LR Window Switch – Left Rear (Crew Cab)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>L-GN / GY</td>
<td>6135</td>
<td>Local Interconnect Network Serial Data Bus 4</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>GY / WH</td>
<td>747</td>
<td>Left Rear Door Ajar Switch Signal</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.5</td>
<td>BK</td>
<td>1150</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>5</td>
<td>2.5</td>
<td>BK</td>
<td>1150</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>2.5</td>
<td>D-BU / VT</td>
<td>668</td>
<td>Power Window Motor Left Rear Up Control</td>
<td>I</td>
</tr>
</tbody>
</table>
### Table 1314  S79LR Window Switch – Left Rear (Crew Cab) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>2.5</td>
<td>YE / D-BU</td>
<td>669</td>
<td>Power Window Motor Left Rear Down Control</td>
<td>I</td>
</tr>
<tr>
<td>8</td>
<td>2.5</td>
<td>RD / D-BU</td>
<td>1842</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Passenger Door Trim
- Service Connector: Service by Harness
- Description: 8-pin F 2.8 Series (BK)

Table 1316   Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041885C1</td>
<td>J-35616-35 (VT)</td>
</tr>
</tbody>
</table>

Table 1317   S79P Window Switch – Passenger (Feature Code: 0016WAK)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2.5</td>
<td>BK</td>
<td>1250</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>2.5</td>
<td>L-GN / GY</td>
<td>3387</td>
<td>Power Window Motor Passenger Up Control</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>2.5</td>
<td>YE / D-BU</td>
<td>3388</td>
<td>Power Window Motor Passenger Down Control</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>2.5</td>
<td>RD / WH</td>
<td>1340</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>L-GN / YE</td>
<td>6134</td>
<td>Local Interconnect Network Serial Data Bus 3</td>
<td>I</td>
</tr>
</tbody>
</table>
### Table 1317  S79P Window Switch – Passenger (Feature Code: 0016WAK) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-7</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>8</td>
<td>0.35</td>
<td>GY</td>
<td>746</td>
<td>Right Front Door Ajar Switch Signal</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Right Rear Door
- Service Connector: Service by Harness
- Description: 8-Way F 2.8 Series (BK)

Table 1319  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041885C1</td>
<td>J-35616-35 (VT)</td>
</tr>
</tbody>
</table>

Table 1320  S79RR Window Switch – Right Rear (Crew Cab)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>L-GN / GY</td>
<td>6135</td>
<td>Local Interconnect Network Serial Data Bus 4</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>GY / WH</td>
<td>748</td>
<td>Right Rear Door Ajar Switch Signal</td>
<td>I</td>
</tr>
<tr>
<td>3-4</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>5</td>
<td>2.5</td>
<td>BK</td>
<td>1250</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>2.5</td>
<td>D-BU / GY</td>
<td>670</td>
<td>Power Window Motor Right Rear Up Control</td>
<td>I</td>
</tr>
</tbody>
</table>
### Table 1320  S79RR Window Switch – Right Rear (Crew Cab) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>2.5</td>
<td>L-GN / BK</td>
<td>671</td>
<td>Power Window Motor Right Rear Down Control</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>2.5</td>
<td>RD / WH</td>
<td>1340</td>
<td>Battery Positive Voltage</td>
<td></td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040204C1
- Description: 12-pin F 2.8 Kaizen Series (L-GY)

Table 1322  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041989C1</td>
<td>J-35616-35 (VT)</td>
</tr>
<tr>
<td>II</td>
<td>6042056C1</td>
<td>J-35616-4A (PU)</td>
</tr>
<tr>
<td>III</td>
<td>6042054C1</td>
<td>J-35616-4A (PU)</td>
</tr>
</tbody>
</table>

Table 1323  T1 Accessory DC / AC Power Inverter Module (Feature Code: 0008XJX)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>1.5</td>
<td>BK</td>
<td>5683</td>
<td>120 volt AC Phase A</td>
<td>III</td>
</tr>
<tr>
<td>3-5</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
<td>2.5</td>
<td>RD / GY</td>
<td>4140</td>
<td>Battery Positive Voltage</td>
<td>III</td>
</tr>
</tbody>
</table>
### Table 1323  T1 Accessory DC / AC Power Inverter Module (Feature Code: 0008XJX) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>1.5</td>
<td>RD</td>
<td>5684</td>
<td>120 volt AC Phase B</td>
<td>III</td>
</tr>
<tr>
<td>8-9</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>10</td>
<td>0.5</td>
<td>BARE</td>
<td>514</td>
<td>Low Reference</td>
<td>I</td>
</tr>
<tr>
<td>11</td>
<td>2.5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>III</td>
</tr>
<tr>
<td>12</td>
<td>0.35</td>
<td>D-BU / BN</td>
<td>6807</td>
<td>DC To AC Inverter Control</td>
<td>II</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: Service by Cable Assembly
- Description: 1-Way F Coax Type (BU)

<table>
<thead>
<tr>
<th>Table 1325</th>
<th>Terminal Part Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal Type ID</td>
<td>Service Terminal</td>
</tr>
<tr>
<td>I</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Table 1326</th>
<th>T2RF Antenna - Roof Front X3 (IO6-UE1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin</td>
<td>Size</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: Service by Cable Assembly
- Description: 1-Way F Coax Type (CU)

Table 1328  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Table 1329  T2RF Antenna - Roof Front X4 (U2K)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>—</td>
<td>—</td>
<td>Coax</td>
<td>—</td>
<td>(XM + / -HD) Coaxial Antenna XM Signal</td>
<td>I</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Instrument Panel
- Service Connector: Service by Cable Assembly
- Description: 2-Way F Coax Type (PU)

**Table 1331  Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
</tr>
</tbody>
</table>

**Table 1332  T2RF Antenna - Roof Front X5 (UE1)**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>—</td>
<td>—</td>
<td>Coax</td>
<td>(GPS / Cell) Coaxial Antenna Cell / GPS Combined Signal</td>
<td>Coax</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>—</td>
<td>Coax</td>
<td>(Cell only) Coaxial Antenna Cell Phone Signal</td>
<td>Coax</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Radio Antenna Jumper Coax
- Service Connector: Service by Cable Assembly
- Description: 1-Way F Coax Type (BK)

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coax</td>
<td>Coax</td>
<td>Coax</td>
<td>Coax</td>
<td>(AM / FM) Antenna RF Signal</td>
<td>Coax</td>
</tr>
</tbody>
</table>
T15 Navigation Antenna Signal Splitter X1 (IO6+UE1)

Connector Part Information
- Harness Type: Right A-Pillar Coax
- Service Connector: Service by Cable Assembly
- Description: 1-Way F Coax Type (GY)

Table 1337  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
</tr>
</tbody>
</table>

Table 1338  T15 Navigation Antenna Signal Splitter X1 (IO6+UE1)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Coax</td>
<td></td>
<td>(GPS / Cell) Coaxial Antenna Cell / GPS combined Signal</td>
<td>I</td>
</tr>
</tbody>
</table>
**T15 Navigation Antenna Signal Splitter X2 (IO6+UE1)**

<table>
<thead>
<tr>
<th>Connector Part Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Harness Type: Instrument Panel Coax</td>
</tr>
<tr>
<td>• Service Connector: Service by Cable Assembly</td>
</tr>
<tr>
<td>• Description: 1-Way F Coax Type (VT)</td>
</tr>
</tbody>
</table>

### Table 1340 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
</tr>
</tbody>
</table>

### Table 1341 T15 Navigation Antenna Signal Splitter X2 (IO6+UE1)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Coax</td>
<td></td>
<td>(GPS / Cell) Coaxial Antenna Cell / GPS combined Signal</td>
<td></td>
</tr>
</tbody>
</table>
T15 Navigation Antenna Signal Splitter X3 (IO6+UE1)

Connector Part Information
• Harness Type: Instrument Panel
• Service Connector: Service by Cable Assembly
• Description: 1-Way F Coax Type (BU)

Table 1343  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
</tr>
</tbody>
</table>

Table 1344  T15 Navigation Antenna Signal Splitter X3 (IO6+UE1)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Coax</td>
<td></td>
<td>(GPS only) Coaxial Antenna GPS Signal</td>
<td>Coax</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: Service by Harness
- Description: 6-Way F 0.64 Generation Y Series (BK)

Table 1346  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042048C1 0.35mm</td>
<td>J-35616-64B (LT BU)</td>
</tr>
<tr>
<td></td>
<td>6042049C1 0.5mm</td>
<td></td>
</tr>
</tbody>
</table>

Table 1347  T22 Mobile Device Wireless Charger Module (K4C)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>VT/YE</td>
<td>43</td>
<td>Accessory Ignition Voltage</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.75</td>
<td>BK</td>
<td>150</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>L-GN</td>
<td>4512</td>
<td>Wireless Charging System Charge Indicator Control</td>
<td>I</td>
</tr>
<tr>
<td>4–6</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
</tbody>
</table>
W34 Battery Positive Cable Terminal Post - Jump Start (BTN)

Connector Part Information
- Harness Type: Instrument Panel
- Service Connector: Service by Harness
- Description: —

Table 1349  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
</tr>
</tbody>
</table>

Table 1350  W34 Battery Positive Cable Terminal Post - Jump Start (BTN)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>—</td>
<td>RD</td>
<td>1</td>
<td>Unfused Battery Positive Voltage</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Forward Lamp
- Service Connector: 1673790C1
- Description: 2-pin F 280 Metri-Pack Series, Sealed (BK)

Table 1352  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>2033819C1</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Table 1353  TBD1 Air Dryer (Feature Code: 0004EBD (0004VGA))

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1</td>
<td>VT / GY</td>
<td>139</td>
<td>Run / Crank Ignition 1 Voltage</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>1</td>
<td>BK</td>
<td>139</td>
<td>Run / Crank Ignition 1 Voltage</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Forward Lamp
- Service Connector: Service by Harness
- Description: 4-pin F 150 Metri-Pack Series, Sealed (BN)

Table 1355  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>1661875C1</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Table 1356  TBD2 Low Air Pressure Warning Switch (Feature Code: 0014TCH / 0014TDG / 0014TDH)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>1</td>
<td>GY</td>
<td>603</td>
<td>A / C Low Pressure Switch Signal</td>
<td>I</td>
</tr>
<tr>
<td>D</td>
<td>1</td>
<td>BK</td>
<td>603</td>
<td>A / C Low Pressure Switch Signal</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Chassis
- Service Connector: 1661375C2
- Description: 4-pin F 280 Metri-Pack Series, Sealed

Table 1358  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>2033819C1</td>
</tr>
</tbody>
</table>

Table 1359  TBD3 Air System Control Solenoid Valve Assembly (Feature Code: 14899)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>B</td>
<td>0.75</td>
<td>GY</td>
<td>4462</td>
<td>Soft Top Boot Well Sensor Signal Left</td>
<td>I</td>
</tr>
<tr>
<td>C</td>
<td>0.75</td>
<td>GY</td>
<td>4461</td>
<td>Soft Top Boot Well Sensor Signal Right</td>
<td>I</td>
</tr>
<tr>
<td>D-E</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Center Seat
- Service Connector: 1667639C1
- Description: 2-Way F 630 Metri-Pack Series, Sealed (BK)

Table 1361  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>1661707C1</td>
<td>J-35616-42 (RD)</td>
</tr>
</tbody>
</table>

Table 1362  X55BA Fuse Holder 1 - Brake Booster

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2</td>
<td>GY</td>
<td>90DC</td>
<td>Brake Booster Pump Motor Active Signal</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>2</td>
<td>GY</td>
<td>90EA</td>
<td>Brake Booster Pump Motor Active Signal</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Center Seat
- Service Connector: 1667639C1
- Description: 2-Way F 630 Metri-Pack Series, Sealed (BK)

Table 1364  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1661707C1</td>
<td>J-35616-42 (RD)</td>
</tr>
</tbody>
</table>

Table 1365  X55BB Fuse Holder 1 - Brake Booster

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2</td>
<td>GY</td>
<td>90H</td>
<td>Brake Booster Pump Motor Active Signal</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>2</td>
<td>GY</td>
<td>90HB</td>
<td>Brake Booster Pump Motor Active Signal</td>
<td>I</td>
</tr>
</tbody>
</table>
**Connector Part Information**
- Harness Type: Hydraulic Pump Positive Feed / Battery 1-2 Positive
- Service Connector: Service by Harness
- Description: 2-Way F Maxi-Fuseholder

---

**Table 1367  Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

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**Table 1368  X55BC Fuse Holder 3- Brake Booster**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>—</td>
<td>RD</td>
<td>1</td>
<td>Unfused Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>RD</td>
<td>90J</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Center Seat
- Service Connector: Service by Harness
- Description: 3-pin F 280 Metri-Pack Series (GY)

**Table 1370  Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041914C1</td>
<td>J-35616-4A (PU)</td>
</tr>
</tbody>
</table>

**Table 1371  X80D Accessory Power Receptacle – Center Console Compartment (Feature Code: 0016KVS / 0016LVT (0016KVU))**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1.5</td>
<td>VT / YE</td>
<td>243</td>
<td>Accessory Ignition Voltage</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>C</td>
<td>1.5</td>
<td>BK</td>
<td>1250</td>
<td>Ground</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Floor Console
- Service Connector: Service by Harness
- Description: 3-pin F 280 Metri-Pack Series (GY)

Table 1373  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041914C1</td>
<td>J-35616-4A (PU)</td>
</tr>
</tbody>
</table>

Table 1374  X80D Accessory Power Receptacle – Center Console Compartment (Feature Code: 0016XCN)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1.5</td>
<td>VT / YE</td>
<td>143</td>
<td>Accessory Ignition Voltage</td>
<td>1</td>
</tr>
<tr>
<td>B</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>C</td>
<td>1.5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information
• Harness Type: Center Seat
• Service Connector: Service by Harness
• Description: 3-pin F 280 Metri-Pack Series (GY)

Table 1376  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041914C1</td>
<td>J-35616-4A (PU)</td>
</tr>
</tbody>
</table>

Table 1377  X80E Accessory Power Receptacle – Center Seat (Feature Code: 0016LVT (0016KVU))

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1.5</td>
<td>VT / YE</td>
<td>143</td>
<td>Accessory Ignition Voltage</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>C</td>
<td>1.5</td>
<td>BK</td>
<td>1250</td>
<td>Ground</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040297C1
- Description: 3-pin F 280 Metri-Pack Series (GY)

Table 1379  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042030C1</td>
<td>J-35616-35 (VT)</td>
</tr>
</tbody>
</table>

Table 1380  X80G Accessory Power Receptacle – Instrument Panel (Without Feature Code: 0016XCN)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1.5</td>
<td>RD / BN</td>
<td>4240</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>C</td>
<td>1.5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040297C1
- Description: 3-pin F 280 Metri-Pack Series (GY)

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042030C1</td>
<td>J-35616-35 (VT)</td>
</tr>
</tbody>
</table>

Table 1383  X80J Accessory Power Receptacle – Instrument Panel 1 (Feature Code: 0016XCN)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1.5</td>
<td>RD / WH</td>
<td>1040</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>C</td>
<td>1.5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Instrument Panel
- Service Connector: 6040297C1
- Description: 3-pin F280 Metri-Pack Series (GY)

Table 1385  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042030C1</td>
<td>J-35616-35 (VT)</td>
</tr>
</tbody>
</table>

Table 1386  X80K Accessory Power Receptacle – Instrument Panel 2 (Feature Code: 0016XCN)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1.5</td>
<td>RD / BN</td>
<td>4240</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>C</td>
<td>1.5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Floor Console
- Service Connector: Service by Harness
- Description: 3-pin F 280 Metri-Pack Series (GY)

**Table 1388 Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041937C1</td>
<td>J-35616-4A (PU)</td>
</tr>
</tbody>
</table>

**Table 1389 X80L Accessory Power Receptacle – Center Console Rear (Feature Code: 0016XCN)**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1.5</td>
<td>VT / YE</td>
<td>243</td>
<td>Accessory Ignition Voltage</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>C</td>
<td>1.5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6041830C1
- Description: 3-pin F 1.6 Micro-Timer Series (BK)

### Table 1391 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041942C1 0.35mm</td>
<td>J-35616-14 (GN)</td>
</tr>
<tr>
<td></td>
<td>6042021C1 1.5mm</td>
<td></td>
</tr>
</tbody>
</table>

### Table 1392 X81 Accessory Power Receptacle – 110 volt AC X1 (Feature Code: 0008XJX and 0016XCN)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>VT / BN</td>
<td>300</td>
<td>Run Ignition 3 Voltage</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>1.5</td>
<td>BK</td>
<td>5683</td>
<td>120 volt AC Phase A</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040271C1
- Description: 3-pin F 1.6 Timer Series, Sealed (GY)

Table 1394  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041942C1 0.35mm</td>
<td>J-35616-14 (GN)</td>
</tr>
<tr>
<td></td>
<td>6042021C1 1.5mm</td>
<td></td>
</tr>
</tbody>
</table>

Table 1395  X81 Accessory Power Receptacle – 110 volt AC X2 (Feature Code: 0008XJX and 0016XCN)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>D-BU / BN</td>
<td>6807</td>
<td>DC To AC Inverter Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>1.5</td>
<td>RD</td>
<td>5684</td>
<td>120 volt AC Phase B</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6041830C1
- Description: 3-pin F 1.6 Micro-Timer Series (BK)

Table 1397 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6042024C1 0.35mm</td>
<td>J-35616-14 (GN)</td>
</tr>
<tr>
<td></td>
<td>6042021C1 1.5mm</td>
<td></td>
</tr>
</tbody>
</table>

Table 1398 X81 Accessory Power Receptacle – 110 volt AC X1 (Feature Code: 0008XJX without 0016XCN)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>VT / BN</td>
<td>300</td>
<td>Run Ignition 3 Voltage</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>1.5</td>
<td>BK</td>
<td>5683</td>
<td>120 volt AC Phase A</td>
<td>1</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Instrument Panel
- Service Connector: 6040271C1
- Description: 3-pin F 1.6 Timer Series, Sealed (GY)

Table 1400  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042024C1 0.35mm</td>
<td>J-35616-14 (GN)</td>
</tr>
<tr>
<td></td>
<td>6042021C1 1.5mm</td>
<td></td>
</tr>
</tbody>
</table>

Table 1401  X81 Accessory Power Receptacle – 110 volt AC X2 (Feature Code: 0008XJX without 0016XCN)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>D-BU / BN</td>
<td>6807</td>
<td>DC To AC Inverter Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>1.5</td>
<td>RD</td>
<td>5684</td>
<td>120 volt AC Phase B</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information
- Harness Type: Floor Console
- Service Connector: Service by Harness
- Description: 6-pin F 0.64 Kaizen Series (BK)

Table 1403  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041998C1 0.35mm</td>
<td>J-35616-64B (LT BU)</td>
</tr>
<tr>
<td></td>
<td>6041997C1 0.75mm</td>
<td></td>
</tr>
</tbody>
</table>

Table 1404  X83 Auxiliary Audio Input X1 (Feature Code: 0016XCN)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>GY</td>
<td>5839</td>
<td>Left Auxiliary Audio Signal 2</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>L-GN</td>
<td>5841</td>
<td>Right Auxiliary Audio Signal 2</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>VT</td>
<td>5843</td>
<td>Auxiliary Audio Common Signal</td>
<td>I</td>
</tr>
<tr>
<td>4</td>
<td>0.75</td>
<td>BK</td>
<td>2550</td>
<td>Ground</td>
<td>I</td>
</tr>
</tbody>
</table>
### Table 1404  X83 Auxiliary Audio Input X1 (Feature Code: 0016XCN) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>0.35</td>
<td>D-BU</td>
<td>2060</td>
<td>Auxiliary Detection Signal</td>
<td>I</td>
</tr>
<tr>
<td>6</td>
<td>0.75</td>
<td>RD / VT</td>
<td>340</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Center Seat
- Service Connector: Service by Harness
- Description: 6-pin F 0.64 Kaizen Series (BK)

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6042072C1 0.35mm</td>
<td>J-35616-64B (LT BU)</td>
</tr>
<tr>
<td></td>
<td>6042073C1 0.75mm</td>
<td></td>
</tr>
</tbody>
</table>

Table 1407  X83 Auxiliary Audio Input X1 (Without Feature Code: 0016XCN)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>GY</td>
<td>5839</td>
<td>Left Auxiliary Audio Signal 2</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>L-GN</td>
<td>5841</td>
<td>Right Auxiliary Audio Signal 2</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>VT</td>
<td>5843</td>
<td>Auxiliary Audio Common Signal</td>
<td>I</td>
</tr>
</tbody>
</table>
### Table 1407  X83 Auxiliary Audio Input X1 (Without Feature Code: 0016XCN) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>0.35</td>
<td>BK</td>
<td>2550</td>
<td>Ground</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>L-BU</td>
<td>2060</td>
<td>Auxiliary Detection Signal</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>0.75</td>
<td>RD / VT</td>
<td>340</td>
<td>Battery Positive Voltage</td>
<td>1</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Floor Console USB
- Service Connector: Service by Harness
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

Table 1409 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
</tr>
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Table 1410 X83 Auxiliary Audio Input X2 (0016XCN)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>USB</td>
<td></td>
<td>USB Serial Data</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information
• Harness Type: Instrument Panel
• Service Connector: 6040191C1
• Description: 16-Way F 150 Metri-Pack Series (BK)

Table 1412 Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>3577860C1</td>
<td>J-35616-14 (GN)</td>
</tr>
<tr>
<td>II</td>
<td>3577860C1</td>
<td>J-35616-14 (GN)</td>
</tr>
</tbody>
</table>

Table 1413 X84 Data Link Connector

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5</td>
<td>L-GN</td>
<td>5060</td>
<td>Low Speed GMLAN Serial Data</td>
<td>II</td>
</tr>
<tr>
<td>2-3</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.5</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>II</td>
</tr>
<tr>
<td>5</td>
<td>0.5</td>
<td>BK / WH</td>
<td>1851</td>
<td>Signal Ground</td>
<td>II</td>
</tr>
<tr>
<td>6</td>
<td>0.5</td>
<td>D-BU</td>
<td>2500</td>
<td>High Speed GMLAN Serial Data (+)1</td>
<td>II</td>
</tr>
</tbody>
</table>
### Table 1413  X84 Data Link Connector (cont.)

<table>
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<tr>
<th>Pin</th>
<th>Size</th>
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<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-11</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>12</td>
<td>0.5</td>
<td>D-BU / YE</td>
<td>6105</td>
<td>High Speed GMLAN Serial Data (+) 2</td>
<td>II</td>
</tr>
<tr>
<td>13</td>
<td>0.5</td>
<td>WH</td>
<td>6106</td>
<td>High Speed GMLAN Serial Data (-) 2</td>
<td>II</td>
</tr>
<tr>
<td>14</td>
<td>0.5</td>
<td>WH</td>
<td>2501</td>
<td>High Speed GMLAN Serial Data (-) 1</td>
<td>II</td>
</tr>
<tr>
<td>15</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>16</td>
<td>0.35</td>
<td>RD / D-BU</td>
<td>3240</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: Service by Harness
- Description: 10-Way F 0.64 Kaizen Series (BK)

### Table 1415  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
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<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>None</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

### Table 1416  X85 Steering Wheel Air Bag Coil X1

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>RD / YE</td>
<td>3040</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.5</td>
<td>GN / BK</td>
<td>3894</td>
<td>Local Interconnect Network Serial Data Bus 12</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
<td>GY / GN</td>
<td>5737</td>
<td>Adaptive Cruise Control Gap Up / Down Switch Signal</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>BN</td>
<td>6136</td>
<td>Control</td>
<td>I</td>
</tr>
<tr>
<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
</tr>
<tr>
<td>-----</td>
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<td>----------</td>
<td>---------</td>
<td>-----------------------------------------------</td>
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</tr>
<tr>
<td>6</td>
<td>0.35</td>
<td>WH / RD</td>
<td>1444</td>
<td>12V Reference</td>
<td>I</td>
</tr>
<tr>
<td>7</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>8</td>
<td>0.35</td>
<td>BN / GN</td>
<td>1884</td>
<td>Cruise Control Set / Coast / Resume / Accelerate Switch Signal</td>
<td>I</td>
</tr>
<tr>
<td>9</td>
<td>0.35</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>10</td>
<td>0.35</td>
<td>GN / WH</td>
<td>3287</td>
<td>Horn Switch Signal</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: Service by Harness
- Description: 10-Way F 0.64 Kaizen Series (BK)

Table 1418  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>J-35616-64B (LT BU)</td>
</tr>
</tbody>
</table>

Table 1419  X85 Steering Wheel Air Bag Coil X2

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>RD</td>
<td>3287</td>
<td>Horn Switch Signal</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>BK</td>
<td>1050</td>
<td>Ground</td>
<td>I</td>
</tr>
<tr>
<td>3</td>
<td>0.35</td>
<td>BN / YE</td>
<td>1884</td>
<td>Cruise Control Set / Coast / Resume / Accelerate Switch Signal</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>I</td>
</tr>
<tr>
<td>5</td>
<td>0.35</td>
<td>WH</td>
<td>1444</td>
<td>12V Reference</td>
<td>I</td>
</tr>
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<td>Pin</td>
<td>Size</td>
<td>Color</td>
<td>Circuit</td>
<td>Function</td>
<td>Terminal Type ID</td>
</tr>
<tr>
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<tr>
<td>6</td>
<td>0.35</td>
<td>YE</td>
<td>6136</td>
<td>Control</td>
<td>I</td>
</tr>
<tr>
<td>7</td>
<td>0.35</td>
<td>GY / OG</td>
<td>5737</td>
<td>Not Used</td>
<td>I</td>
</tr>
<tr>
<td>8</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
<tr>
<td>9</td>
<td>0.5</td>
<td>GN</td>
<td>3894</td>
<td>Local Interconnect Network Serial Data Bus 12</td>
<td>I</td>
</tr>
<tr>
<td>10</td>
<td>0.35</td>
<td>RD / YE</td>
<td>3040</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Body
- Service Connector: 6040212C1
- Description: 4-pin F 1.2 Series, Sealed (YE)

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>6041956C1</td>
<td>J-35616-16 (LT GN)</td>
</tr>
</tbody>
</table>

Table 1422  X85 Steering Wheel Air Bag Coil X3

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.35</td>
<td>OG / VT</td>
<td>3021</td>
<td>Steering Wheel Module Stage 1 High Control</td>
<td>I</td>
</tr>
<tr>
<td>2</td>
<td>0.35</td>
<td>BN / OG</td>
<td>3020</td>
<td>Steering Wheel Module Stage 1 Low Control</td>
<td>I</td>
</tr>
<tr>
<td>3-4</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Not Occupied</td>
<td>—</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: Chassis Rear Left
- Service Connector: 4088983C1
- Description: 7-pin F 280, 630 Metri-Pack Series, Sealed (BK)

Table 1424  Terminal Part Information

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>2039313C1 2.5mm</td>
<td>No Tool Required</td>
</tr>
<tr>
<td></td>
<td>4088987C1 5mm</td>
<td></td>
</tr>
</tbody>
</table>

Table 1425  X88 Trailer Connector (Feature Code: 0008TRA)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2.5</td>
<td>WH / GN</td>
<td>1624</td>
<td>Trailer Backup Lamp Control</td>
<td>I</td>
</tr>
<tr>
<td>B</td>
<td>5</td>
<td>BK</td>
<td>22</td>
<td>Trailer Ground</td>
<td>I</td>
</tr>
<tr>
<td>C</td>
<td>2.5</td>
<td>BU</td>
<td>47</td>
<td>Trailer Auxiliary Control</td>
<td>I</td>
</tr>
<tr>
<td>D</td>
<td>2.5</td>
<td>GN / BN</td>
<td>319</td>
<td>Right Rear Trailer Stop / Turn Lamp Control</td>
<td>I</td>
</tr>
<tr>
<td>E</td>
<td>2.5</td>
<td>RD / VT</td>
<td>1242</td>
<td>Battery Positive Voltage</td>
<td>I</td>
</tr>
</tbody>
</table>
### Table 1425  X88 Trailer Connector (Feature Code: 0008TRA) (cont.)

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td>2.5</td>
<td>GY / BN</td>
<td>2109</td>
<td>Trailer Park Lamp Control</td>
<td>I</td>
</tr>
<tr>
<td>G</td>
<td>2.5</td>
<td>YE / BU</td>
<td>318</td>
<td>Left Rear Trailer Stop / Turn Lamp Control</td>
<td>I</td>
</tr>
</tbody>
</table>
Connector Part Information

- Harness Type: USB Receptacle USB
- Service Connector: Service by Harness
- Description: 6-Way F 0.64 Kaizen Series (BK)

<table>
<thead>
<tr>
<th>Table 1427</th>
<th>Terminal Part Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Terminal Type ID</strong></td>
<td><strong>Service Terminal</strong></td>
</tr>
<tr>
<td>I</td>
<td>6042047C1 0.35mm</td>
</tr>
<tr>
<td></td>
<td>6041997C1 0.75mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Table 1428</th>
<th>X92 USB Receptacle X1 (Feature Code: 0016XCN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin</td>
<td>Size</td>
</tr>
<tr>
<td>1–3</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>0.35</td>
</tr>
<tr>
<td>5</td>
<td>—</td>
</tr>
<tr>
<td>6</td>
<td>0.75</td>
</tr>
</tbody>
</table>
**Connector Part Information**

- Harness Type: Instrument Panel USB
- Service Connector: Service by Harness
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

**Table 1430  Terminal Part Information**

<table>
<thead>
<tr>
<th>Terminal Type ID</th>
<th>Service Terminal</th>
<th>Diagnostic Test Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Not Available</td>
<td>No Tool Required</td>
</tr>
</tbody>
</table>

**Table 1431  X92 USB Receptacle X2**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Size</th>
<th>Color</th>
<th>Circuit</th>
<th>Function</th>
<th>Terminal Type ID</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>USB</td>
<td></td>
<td>USB Serial Data</td>
<td></td>
</tr>
</tbody>
</table>
### APPENDIX A: FEATURE CODE TABLE

The following table provides the description of the Feature Codes that are available on the vehicle.

<table>
<thead>
<tr>
<th>Feature Code</th>
<th>RPO Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0001ANA</td>
<td>C56043 / C56403</td>
<td>AXLE CONFIGURATION 4x2</td>
</tr>
<tr>
<td>0001ANB</td>
<td>K56043 / K56403</td>
<td>AXLE CONFIGURATION 4x4</td>
</tr>
<tr>
<td>0001AMM</td>
<td>NZZ</td>
<td>SKID PLATE Steel, Frame Mounted, Protects the Transfer Case from the Ground</td>
</tr>
<tr>
<td>0001LEG</td>
<td>VK3</td>
<td>LICENSE PLATE HOLDER Includes Upper &amp; Lower Mounting Plate Hardware, Mounted in Existing Holes in Front Bumper</td>
</tr>
<tr>
<td>0001LLK</td>
<td>8H5</td>
<td>BUMPER, FRONT Omit Item</td>
</tr>
<tr>
<td>0001LNZ</td>
<td>V46</td>
<td>BUMPER, FRONT Full Width, Aerodynamic, Steel, Chrome Plated</td>
</tr>
<tr>
<td>0001LRZ</td>
<td>8E8</td>
<td>BUMPER, FRONT Full Width, Aerodynamic, Steel, Painted Black</td>
</tr>
<tr>
<td>0001LSA</td>
<td>5D1</td>
<td>BUMPER, FRONT Full Width, Aerodynamic, Steel, Painted Gray</td>
</tr>
<tr>
<td>0001WAC</td>
<td>T3A</td>
<td>BUMPER EXTENSION, FRONT 4.0&quot;</td>
</tr>
<tr>
<td>0002AJJ</td>
<td>FTD</td>
<td>AXLE, FRONT NON-DRIVING (Dana Spicer D-800N) I-Beam Type, 6,000-lb Capacity</td>
</tr>
<tr>
<td>0002AJK</td>
<td>FTA</td>
<td>AXLE, FRONT NON-DRIVING (Dana Spicer D-800N) I-Beam Type, 7,000-lb Capacity</td>
</tr>
<tr>
<td>0002AJL</td>
<td>FTL</td>
<td>AXLE, FRONT NON-DRIVING (Dana Spicer D-800N) I-Beam Type, 8,000-lb Capacity</td>
</tr>
<tr>
<td>0002EWA</td>
<td>FTB</td>
<td>AXLE, FRONT DRIVING (Dana Spicer 60-256) Single Reduction, 7,500-lb Capacity, with Hub Piloted Wheel Mounting</td>
</tr>
<tr>
<td>0002WLC</td>
<td>FTN</td>
<td>AXLE, FRONT DRIVING, LUBE (EmGard FE-75W-90) Synthetic Oil; 1 thru 29.99 Pints</td>
</tr>
<tr>
<td>Feature Code</td>
<td>RPO Code</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>0003ADA</td>
<td>FSN</td>
<td>SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 8,000-lb Capacity; with Shock Absorbers</td>
</tr>
<tr>
<td>0003AGN</td>
<td>FK6</td>
<td>SUSPENSION, FRONT, SPRING Taper Leaf, Shackle Type; 7,000-lb Capacity; with Shock Absorbers</td>
</tr>
<tr>
<td>0003AGP</td>
<td>F95</td>
<td>SUSPENSION, FRONT, SPRING Taper Leaf, Shackle Type; 6,000-lb Capacity; with Shock Absorbers</td>
</tr>
<tr>
<td>0003AJN</td>
<td>FTV</td>
<td>SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 7,500-lb Capacity; with Shock Absorbers</td>
</tr>
<tr>
<td>0003WAP</td>
<td>F59</td>
<td>STABILIZER BAR, FRONT</td>
</tr>
<tr>
<td>0004198</td>
<td>J48</td>
<td>BRAKE SYSTEM, HYDRAULIC (Bosch) Split System, with Four Channel ABS, Traction Control, Hydromax Brake Booster and Master Cylinder</td>
</tr>
<tr>
<td>0004EBD</td>
<td>JPY</td>
<td>AIR DRYER (Wabco System Saver 1200) with Heater</td>
</tr>
<tr>
<td>0004GBJ</td>
<td>J69</td>
<td>BRAKE, PARKING (Bosch) DSSA Type, 12&quot; x 3&quot;; for Hydraulic Brake Chassis; Foot Operated in Cab; Differential Mounted</td>
</tr>
<tr>
<td>0004SBX</td>
<td>KUT</td>
<td>AIR COMPRESSOR (YOOSUNG) with Clutch, 7.1 CFM Capacity</td>
</tr>
<tr>
<td>0005708</td>
<td>N33</td>
<td>STEERING COLUMN Tilting</td>
</tr>
<tr>
<td>0005CBG</td>
<td>NK5</td>
<td>STEERING WHEEL 4-Spoke; 15&quot; Dia., Black</td>
</tr>
<tr>
<td>0005CBH</td>
<td>NP5</td>
<td>STEERING WHEEL 4-Spoke; 15&quot; Dia., Black, Leather Wrapped</td>
</tr>
<tr>
<td>0006901</td>
<td>JG1</td>
<td>PROPSHAFT GUARD</td>
</tr>
<tr>
<td>0007WDU</td>
<td>NPK</td>
<td>TAIL PIPE Horizontal, Single Exhaust, Exits Right-Side Ahead of Rear Wheel</td>
</tr>
<tr>
<td>Feature Code</td>
<td>RPO Code</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>0007WDV</td>
<td>NPJ</td>
<td>TAIL PIPE Horizontal, Single Exhaust, Exits Left-Side Ahead of Rear Wheel</td>
</tr>
<tr>
<td>0008541</td>
<td>U05</td>
<td>HORN, ELECTRIC (2) Disc Style</td>
</tr>
<tr>
<td>0008AAB</td>
<td>C49</td>
<td>DEFROSTER, REAR WINDOW Electric</td>
</tr>
<tr>
<td>0008AAG</td>
<td>VV4</td>
<td>COMMUNICATION EQUIPMENT for Mobile Internet Connectivity</td>
</tr>
<tr>
<td>0008GJA</td>
<td>KG4</td>
<td>ALTERNATOR {Denso SC2} Brush Type, 12 Volt 150 Amp. Capacity</td>
</tr>
<tr>
<td>0008GJB</td>
<td>KW5</td>
<td>ALTERNATOR {Denso SC6} Brush Type, 12 Volt 220 Amp. Capacity</td>
</tr>
<tr>
<td>0008GJC</td>
<td>KHB</td>
<td>ALTERNATOR {Denso SC6} Dual, Brush Type, 12 Volt 150 and 220 Amp. Capacity</td>
</tr>
<tr>
<td>0008HBW</td>
<td>JL1</td>
<td>TRAILER BRAKE CONTROL Integrated</td>
</tr>
<tr>
<td>0008HXV</td>
<td>5DX</td>
<td>BODY BUILDER WIRING Back of Standard Cab at Left-Side Frame or Under Extended or Crew Cab at Left-Side Frame; Includes One Sealed Connector for Separate Ground / Backup / Left-Side and Right-Side Turn, Left-Side and Right-Side Tail / Stop / Accessory Power and Combined for Left-Side and Right-Side Stop / Turn</td>
</tr>
<tr>
<td>0008MVZ</td>
<td>7Y7</td>
<td>BATTERY SYSTEM {VARTA} Maintenance-Free (2) 12-Volt 1100CCA Total</td>
</tr>
<tr>
<td>0008MWA</td>
<td>7Y8</td>
<td>BATTERY SYSTEM {VARTA} Maintenance-Free (2) 12-Volt 1300CCA Total</td>
</tr>
<tr>
<td>0008MSD</td>
<td>7Y9</td>
<td>BATTERY SYSTEM {VARTA} (3) 12-Volt 2250CCA Total</td>
</tr>
<tr>
<td>Feature Code</td>
<td>RPO Code</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>0008NAA</td>
<td>JTR</td>
<td>TAIL LIGHT WIRING MODIFIED Includes: Wiring for Standard Lt &amp; Rt Tail Lights; Separate 8.0' of Extra Cable Wiring for Lt &amp; Rt Body Mounted Tail Lights</td>
</tr>
<tr>
<td>0008RNN</td>
<td>IO3</td>
<td>RADIO AM / FM Stereo / USB Input / Auxiliary Input / SD Card Slot, with 4.2&quot; Color Touch Panel Display</td>
</tr>
<tr>
<td></td>
<td>U73</td>
<td></td>
</tr>
<tr>
<td>0008RNW</td>
<td>IO5</td>
<td>RADIO AM / FM Stereo / Bluetooth / USB Input / Auxiliary Input / SD Card Slot, with 8&quot; Color Touch Panel Display, Voice Activated Technology</td>
</tr>
<tr>
<td></td>
<td>U2K</td>
<td></td>
</tr>
<tr>
<td></td>
<td>U73</td>
<td></td>
</tr>
<tr>
<td>0008RNR</td>
<td>IO5</td>
<td>RADIO AM / FM Stereo / Bluetooth / USB Input / Auxiliary Input / SD Card Slot, with 8&quot; Color Touch Panel Display, Voice Activated Technology, Satellite Radio Compatible</td>
</tr>
<tr>
<td></td>
<td>U2K</td>
<td></td>
</tr>
<tr>
<td></td>
<td>U73</td>
<td></td>
</tr>
<tr>
<td>0008RNV</td>
<td>IOB</td>
<td>RADIO AM / FM Stereo / Clock / Bluetooth, Seek / Scan, with 7&quot; Color Touch Panel Display, Satellite Radio Compatible</td>
</tr>
<tr>
<td></td>
<td>U2J</td>
<td></td>
</tr>
<tr>
<td></td>
<td>U73</td>
<td></td>
</tr>
<tr>
<td>0008RNX</td>
<td>IO6</td>
<td>RADIO AM / FM Stereo / Bluetooth / USB Input / Auxiliary Input / SD Card Slot, with 8&quot; Color Touch Panel Display with Navigation, Voice Activated Technology</td>
</tr>
<tr>
<td></td>
<td>U2J</td>
<td></td>
</tr>
<tr>
<td></td>
<td>U73</td>
<td></td>
</tr>
<tr>
<td>0008RNP</td>
<td>IO6</td>
<td>RADIO AM / FM Stereo / Bluetooth / USB Input / Auxiliary Input / SD Card Slot, with 8&quot; Color Touch Panel Display with Navigation, Voice Activated Technology, Satellite Radio Compatible</td>
</tr>
<tr>
<td></td>
<td>U2J</td>
<td></td>
</tr>
<tr>
<td></td>
<td>U73</td>
<td></td>
</tr>
<tr>
<td>0008RNS</td>
<td>TG5</td>
<td>COMPACT DISC PLAYER with MP3</td>
</tr>
<tr>
<td>Feature Code</td>
<td>RPO Code</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>0008RNU</td>
<td>UQ3</td>
<td>SPEAKERS (6)</td>
</tr>
<tr>
<td>0008RNT</td>
<td>UQ5</td>
<td>SPEAKERS (4)</td>
</tr>
<tr>
<td>0008RNY</td>
<td>UVC</td>
<td>CAMERA SYSTEM, REAR VIEW Includes Camera, Mounting, Wiring and Interface to the Monitor, for the Back-up Camera System</td>
</tr>
<tr>
<td>0008TUK</td>
<td>UGE</td>
<td>STOP, TURN, TAIL &amp; B / U LIGHTS Multi-Function, Sealed, LED Lights for Stop, Turn and Tail, Incandescent Backup Lights, with Rear Reflex Reflector, Includes LED License Plate Light</td>
</tr>
<tr>
<td>0008TUM</td>
<td>UNL</td>
<td>AUXILIARY HARNESS “Y” Harness for Auxiliary Front Head Lights (High / Low Beam), Marker Lights, and Turn Signals for Front Plow Applications</td>
</tr>
<tr>
<td>0008TUL</td>
<td>TR1</td>
<td>STOP, TURN, TAIL &amp; B / U LIGHTS Multi-Function, Sealed, Incandescent Stop, Turn and Tail Lights, Backup Lights with Rear Reflex Reflector, Includes License Plate Light</td>
</tr>
<tr>
<td>0008TRA</td>
<td>UY7</td>
<td>TRAILER CONNECTION SOCKET Mounted at Rear of Frame, Wired for Turn Signals Combined with Stop, Compatible with Trailers That Use Combined Stop, Tail, Turn Lamps</td>
</tr>
<tr>
<td>0008THB</td>
<td>UZF</td>
<td>BACK-UP ALARM Electric, 102 dBA</td>
</tr>
<tr>
<td>0008VAY</td>
<td>U04</td>
<td>HORN, ELECTRIC Disc Style</td>
</tr>
<tr>
<td>0008WBW</td>
<td>BTN</td>
<td>JUMP START STUD Remote Mounted</td>
</tr>
<tr>
<td>0008XJP</td>
<td>9L7</td>
<td>SWITCH, AUXILIARY 1 to 4 Latching Switches with 30-Amp Fuses</td>
</tr>
<tr>
<td>0008XKS</td>
<td>TRW</td>
<td>SWITCH, TOGGLE, FOR WORK LIGHT Lighted; in Overhead Console and Wiring Effects for Customer Furnished Roof Mounted Light</td>
</tr>
<tr>
<td>Feature Code</td>
<td>RPO Code</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>0008XJV</td>
<td>U01</td>
<td>CLEARANCE / MARKER LIGHTS (5) Amber LED Lights, Flush Mounted on Cab</td>
</tr>
<tr>
<td>0008XJX</td>
<td>KI4</td>
<td>POWER INVERTER 12 Volt DC to 110 Volt AC</td>
</tr>
<tr>
<td>0008XJG</td>
<td>T3U</td>
<td>FOG LIGHTS (2) Clear Lens, Halogen, Rectangular, with White Light Source</td>
</tr>
<tr>
<td>0009AAB</td>
<td>6Y5</td>
<td>LOGOS EXTERIOR Badges</td>
</tr>
<tr>
<td>0009HBZ</td>
<td>VWX</td>
<td>GRILLE Molded, Dark Gray Color</td>
</tr>
<tr>
<td>0009HCG</td>
<td>V22</td>
<td>GRILLE Chrome, with Chrome Headlight Bezels</td>
</tr>
<tr>
<td>0009WAC</td>
<td>P0D</td>
<td>BUG SCREEN Mounted Behind Grille</td>
</tr>
<tr>
<td>0009WBT</td>
<td>P0E</td>
<td>GRILLE EMBER SCREEN Mounted to Grille and Cowl Tray to Keep Hot Embers out of Engine and HVAC Air Intake System</td>
</tr>
<tr>
<td>0010506</td>
<td>V33</td>
<td>TOOL KIT Rim Wrench and Handle Only</td>
</tr>
<tr>
<td>0010NBH</td>
<td>WN9</td>
<td>SPECIAL DELIVERY REQUESTED Do not Use for Lead Truck, Must be Towed or Hauled</td>
</tr>
<tr>
<td>0010WBS</td>
<td>5H1</td>
<td>KEYS – ALL ALIKE, ADDITIONAL 2 Keys</td>
</tr>
<tr>
<td>0010WGH</td>
<td>C5B</td>
<td>SPECIAL RATING, GVWR Limited to 15,000-lb GVWR</td>
</tr>
<tr>
<td>0010WGY</td>
<td>C7P</td>
<td>SPECIAL RATING, GVWR Limited to 16,000-lb GVWR</td>
</tr>
<tr>
<td>0010WGV</td>
<td>DD4</td>
<td>SPECIAL RATING, GVWR Limited to 17,000-lb GVWR</td>
</tr>
<tr>
<td>0010WGT</td>
<td>DD7</td>
<td>SPECIAL RATING, GVWR Limited to 23,500-lb GVWR</td>
</tr>
<tr>
<td>0010WGE</td>
<td>GZG</td>
<td>SPECIAL RATING, GVWR Limited to 19,500-lb GVWR</td>
</tr>
<tr>
<td>0010WJG</td>
<td>GZJ</td>
<td>SPECIAL RATING, GVWR Limited to 18,000-lb GVWR</td>
</tr>
<tr>
<td>0010XAC</td>
<td>C7R</td>
<td>SPECIAL RATING, GVWR Limited to 16,500-lb GVWR</td>
</tr>
<tr>
<td>Feature Code</td>
<td>RPO Code</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>0010XAE</td>
<td>DD5</td>
<td>SPECIAL RATING, GVWR Limited to 21,000-lb GVWR</td>
</tr>
<tr>
<td>0010XAG</td>
<td>GZH</td>
<td>SPECIAL RATING, GVWR Limited to 21,500-lb GVWR</td>
</tr>
<tr>
<td>0010XAD</td>
<td>GZX</td>
<td>SPECIAL RATING, GVWR Limited to 17,500-lb GVWR</td>
</tr>
<tr>
<td>0010WAS</td>
<td>VTS</td>
<td>LANGUAGE IDENTITY For Spanish</td>
</tr>
<tr>
<td>0010WWS</td>
<td>VYU</td>
<td>SNOW PLOW PREP PACKAGE Includes Wiring for Roof Mounted Light</td>
</tr>
<tr>
<td>0012TTM</td>
<td>L5D</td>
<td>FAN DRIVE Viscous Screw On Type, Rear Tether, Electronically Controlled</td>
</tr>
<tr>
<td>0012VEG</td>
<td>BTV</td>
<td>REMOTE START Keyfob for Engine, Includes Theft Deterrent System</td>
</tr>
<tr>
<td>0012VGS</td>
<td>N4C</td>
<td>FEDERAL EMISSIONS (International 6.6 Liter) EPA, OBD and GHG Certified for Calendar Year 2018</td>
</tr>
<tr>
<td>0012VGS</td>
<td>N4E</td>
<td>FEDERAL EMISSIONS (International 6.6 Liter) EPA, OBD and GHG Certified for Calendar Year 2018</td>
</tr>
<tr>
<td>0012VEG</td>
<td>UTJ</td>
<td>REMOTE START Keyfob for Engine, Includes Theft Deterrent System</td>
</tr>
<tr>
<td>0012XBL</td>
<td>K05</td>
<td>BLOCK HEATER, ENGINE 120 Volt / 800 Watt</td>
</tr>
<tr>
<td>0013AWL</td>
<td>ME0</td>
<td>TRANSMISSION, AUTOMATIC (Allison 1750 MH) 5th Generation Controls, Close Ratio, 6-Speed with Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 22,000-lb GVW and 30,000-lb GCW Max</td>
</tr>
<tr>
<td>0013AWM</td>
<td>MF0</td>
<td>TRANSMISSION, AUTOMATIC (Allison 2700 MH) 5th Generation Controls, Close Ratio, 6-Speed with Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 26,000-lb GVW and 26,001-lb GCW Max</td>
</tr>
<tr>
<td>Feature Code</td>
<td>RPO Code</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>0013AXJ</td>
<td>MG0</td>
<td>TRANSMISSION, AUTOMATIC (Allison 2700 EVS) 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 26,000-lb GVW and GCW Max</td>
</tr>
<tr>
<td>0013AWZ</td>
<td>MH1</td>
<td>TRANSMISSION, AUTOMATIC (Allison 1700 EVS) 5th Generation Controls, Close Ratio, 6-Speed with Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 19,500-lb GVW and 26,000-lb GCW Max</td>
</tr>
<tr>
<td>0013AXD</td>
<td>MHV</td>
<td>TRANSMISSION, AUTOMATIC (Allison 1750 EVS) 5th Generation Controls, Close Ratio, 6-Speed with Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 19,500-lb GVW and 30,000-lb GCW Max</td>
</tr>
<tr>
<td>0013AXC</td>
<td>MI0</td>
<td>TRANSMISSION, AUTOMATIC (Allison 1750 RDS) 5th Generation Controls, Close Ratio, 6-Speed with Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 19,500-lb GVW and 30,000-lb GCW Max, On / Off Highway</td>
</tr>
<tr>
<td>0013AXH</td>
<td>MIA</td>
<td>TRANSMISSION, AUTOMATIC (Allison 2700 RDS) 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 26,000-lb GVW and GCW Max, On / Off Highway</td>
</tr>
<tr>
<td>Feature Code</td>
<td>RPO Code</td>
<td>Description</td>
</tr>
<tr>
<td>-------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>0013AWY</td>
<td>MIU</td>
<td>TRANSMISSION, AUTOMATIC {Allison 1700 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 19,500-lb GVW and 26,000-lb GCW Max, On / Off Highway</td>
</tr>
<tr>
<td>0013AWK</td>
<td>MIX</td>
<td>TRANSMISSION, AUTOMATIC {Allison 1700 MH} 5th Generation Controls, Close Ratio, 6-Speed with Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 22,000-lb GVW and 26,001-lb GCW Max</td>
</tr>
<tr>
<td>0013AXB</td>
<td>MJ0</td>
<td>TRANSMISSION, AUTOMATIC {Allison 1750 HS} 5th Generation Controls, Close Ratio, 6-Speed with Overdrive, Less PTO Provision, Less Retarder, Includes Park Pawl, with 19,500-lb GVW and 30,000-lb GCW Max</td>
</tr>
<tr>
<td>0013AWX</td>
<td>MWA</td>
<td>TRANSMISSION, AUTOMATIC {Allison 1700 HS} 5th Generation Controls, Close Ratio, 6-Speed with Overdrive, Less PTO Provision, Less Retarder, Includes Park Pawl, with 19,500-lb GVW and 26,000-lb GCW Max</td>
</tr>
<tr>
<td>0013AXG</td>
<td>MWB</td>
<td>TRANSMISSION, AUTOMATIC {Allison 2700 HS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, Less PTO Provision, Less Retarder, Includes Park Pawl, with 26,000-lb GVW and GCW Max</td>
</tr>
<tr>
<td>0013TLP</td>
<td>NQF</td>
<td>TRANSFER CASE LUBE {EmGard 50W} Synthetic; 1 thru 14.99 Pints</td>
</tr>
<tr>
<td>0013WYY</td>
<td>KBK</td>
<td>SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming</td>
</tr>
<tr>
<td>Feature Code</td>
<td>RPO Code</td>
<td>Description</td>
</tr>
<tr>
<td>-------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>0014888</td>
<td>G86</td>
<td>DIFFERENTIAL, LOCKING (Dana Spicer TrueTrac) Torque Proportioning Limited Slip</td>
</tr>
<tr>
<td>0014899</td>
<td>JPZ</td>
<td>SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab</td>
</tr>
<tr>
<td>0014ACV</td>
<td>GL4</td>
<td>AXLE, REAR, SINGLE (Dana Spicer S14-110) Single Reduction, 11,000-lb Capacity, 190 Wheel Ends</td>
</tr>
<tr>
<td>0014AWH</td>
<td>FN1</td>
<td>AXLE, REAR, SINGLE (Dana Spicer S14-110) Single Reduction, 10,000-lb Capacity, 190 Wheel Ends</td>
</tr>
<tr>
<td>0014AWG</td>
<td>HD1</td>
<td>AXLE, REAR, SINGLE (Dana Spicer S16-130) Single Reduction, 15,000-lb Capacity, 190 Wheel Ends</td>
</tr>
<tr>
<td>0014ACW</td>
<td>HD2</td>
<td>AXLE, REAR, SINGLE (Dana Spicer S14-110) Single Reduction, 13,500-lb Capacity, 190 Wheel Ends</td>
</tr>
<tr>
<td>0014SAE</td>
<td>FU7</td>
<td>SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 15,500-lb Capacity</td>
</tr>
<tr>
<td>0014SCG</td>
<td>GR3</td>
<td>SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 11,000-lb Capacity</td>
</tr>
<tr>
<td>0014SAC</td>
<td>GR4</td>
<td>SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 13,500-lb Capacity</td>
</tr>
<tr>
<td>0014TCH</td>
<td>G40</td>
<td>SUSPENSION, REAR, AIR, SINGLE (International) Ride Optimized Suspension (IROS); 12,000-lb Capacity, 6.0&quot; Ride Height, with Shock Absorbers</td>
</tr>
<tr>
<td>0014TDG</td>
<td>GP1</td>
<td>SUSPENSION, REAR, AIR, SINGLE (International) Ride Optimized Suspension (IROS); 13,500-lb Capacity, 6.0&quot; Ride Height, with Shock Absorbers</td>
</tr>
<tr>
<td>0014TDH</td>
<td>GP8</td>
<td>SUSPENSION, REAR, AIR, SINGLE (International) Ride Optimized Suspension (IROS); 15,500-lb Capacity, 6.0&quot; Ride Height, with Shock Absorbers</td>
</tr>
<tr>
<td>Feature Code</td>
<td>RPO Code</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>0014WMN</td>
<td>FTO</td>
<td>AXLE, REAR, LUBE (EmGard FE-75W-90) Synthetic Oil; 1 thru 29.99 Pints</td>
</tr>
<tr>
<td>0014WAP</td>
<td>G68</td>
<td>SHOCK ABSORBERS, REAR (2)</td>
</tr>
<tr>
<td>0001570</td>
<td>V76</td>
<td>TOW HOOK, FRONT (2) Frame Mounted</td>
</tr>
<tr>
<td>0015DSZ</td>
<td>NSQ</td>
<td>FUEL TANK (2) Top Draw, Plastic, Rectangular, 40 US Gal (151L) Mounted Between Frame Rails and Behind Rear Axle; 25 US Gal (95L), Mounted Left-Side Between Frame Rails and Forward of Rear Axle; Total Capacity 65 US Gal (246L) Includes Fuel Filler Assemblies and Auxiliary Draw Ports</td>
</tr>
<tr>
<td>0015SZN</td>
<td>N2L</td>
<td>FUEL TANK Top Draw, Plastic, Rectangular, 17&quot; Tank Depth, 40 US Gal (151L), Includes Auxiliary Draw Port and Fuel Filler Assembly, Mounted Between Frame Rails and Behind Rear Axle</td>
</tr>
<tr>
<td>0015SZP</td>
<td>NVK</td>
<td>FUEL TANK Top Draw, Plastic, Rectangular, 17&quot; Tank Depth, 25 US Gal (95L), Includes Auxiliary Draw Port and Fuel Filler Assembly, Mounted Between Frame Rails and Forward of Rear Axle</td>
</tr>
<tr>
<td>0015WZG</td>
<td>8E4</td>
<td>FUEL Additional 5 U.S. Diesel Gallons, for Transport / Delivery</td>
</tr>
<tr>
<td>0015WZH</td>
<td>NXO</td>
<td>Fuel Additional 40 U.S. Diesel Gallons, for Transport / Delivery</td>
</tr>
<tr>
<td>0015WZT</td>
<td>NXG</td>
<td>FUEL Additional 20 U.S. Diesel Gallons, for Transport / Delivery</td>
</tr>
<tr>
<td>0016000</td>
<td>BG9</td>
<td>FLOOR COVERING Transmission Cover, Floor Mats and Seal DO NOT ORDER-FOR FACTORY USE ONLY</td>
</tr>
<tr>
<td>0016400</td>
<td>APL</td>
<td>SEAT, PASSENGER Omit Item</td>
</tr>
<tr>
<td>Feature Code</td>
<td>RPO Code</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>0016615</td>
<td>ATZ</td>
<td>SEAT RR-NONE</td>
</tr>
<tr>
<td>0016975</td>
<td>KT0</td>
<td>HEATER HOSES Silicone</td>
</tr>
<tr>
<td>0016ACB</td>
<td>DD8</td>
<td>MIRROR, INSIDE REAR VIEW with Tilt</td>
</tr>
<tr>
<td>0016BAL</td>
<td>C42</td>
<td>HEATER</td>
</tr>
<tr>
<td>0016BBB</td>
<td>AKO</td>
<td>GLASS, ALL WINDOWS Solar Absorbing, Tint</td>
</tr>
<tr>
<td>0016BBA</td>
<td>AKP</td>
<td>GLASS, ALL WINDOWS Solar Absorbing, Tint</td>
</tr>
<tr>
<td>0016BAN</td>
<td>E20</td>
<td>DOOR HANDLE, EXTERIOR Bright Finish</td>
</tr>
<tr>
<td>0016CEN</td>
<td>4AA</td>
<td>COLOR, INTERIOR Jet Black</td>
</tr>
<tr>
<td>0016CEM</td>
<td>4D7</td>
<td>COLOR, INTERIOR Dark Ash</td>
</tr>
<tr>
<td>0016HCU</td>
<td>U19</td>
<td>SPEEDOMETER-INST, KILO &amp; MILES, KILO ODOMETER &amp; DISPLAY INSTRUMENT-DRIVER INFO ENHANCED (ONE COLOR GRAPHIC)</td>
</tr>
<tr>
<td>0016HLZ</td>
<td>U19</td>
<td>SPEEDOMETER-INST, KILO &amp; MILES, KILO ODOMETER &amp; DISPLAY INSTRUMENT-DRIVER INFO ENHANCED (MULTI COLOR STANDARD GRAPHIC)</td>
</tr>
<tr>
<td>0016HLZ</td>
<td>UDD</td>
<td>GAUGE CLUSTER Metric with English Speedometer; Includes Metric Odometer; Includes 4.2” Color Display with Personalization, Warning Messages and Vehicle Information</td>
</tr>
<tr>
<td>0016HLY</td>
<td>UDD</td>
<td>GAUGE CLUSTER English with Metric Speedometer, Includes English Odometer; Includes 4.2” Color Display with Personalization, Warning Messages and Vehicle Information</td>
</tr>
<tr>
<td>Feature Code</td>
<td>RPO Code</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
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</tr>
<tr>
<td>0016HCT</td>
<td>UMN</td>
<td>GAUGE CLUSTER English with Metric Speedometer, Includes English Odometer; Includes 3.5” Monochromatic Display with Personalization, Warning Messages and Vehicle Information</td>
</tr>
<tr>
<td>0016KVU</td>
<td>H0U</td>
<td>SEAT, DRIVER Split Bench, High Back with Integral Headrest, 10-Way Power Adjustable, Cloth, Manual Adjust Lumbar</td>
</tr>
<tr>
<td>0016KVU</td>
<td>AZ3</td>
<td>SEAT, DRIVER Split Bench, High Back with Integral Headrest, 10-Way Power Adjustable, Cloth, Manual Adjust Lumbar</td>
</tr>
<tr>
<td>0016KZC</td>
<td>A68</td>
<td>SEAT, REAR BENCH, Vinyl</td>
</tr>
<tr>
<td>0016KVV</td>
<td>A95</td>
<td>SEAT, DRIVER Non-Suspension, High Back with Adjustable Headrest, 10-Way Power Adjustable, Cloth, Power Lumbar</td>
</tr>
<tr>
<td>0016KVS</td>
<td>AE7</td>
<td>SEAT, DRIVER High Back with Integral Headrest, with Recline, Vinyl, Fixed Lumbar</td>
</tr>
<tr>
<td>0016KVU</td>
<td>AG1</td>
<td>SEAT, DRIVER Split Bench, High Back with Integral Headrest, 10-Way Power Adjustable, Cloth, Manual Adjust Lumbar</td>
</tr>
<tr>
<td>0016LVP</td>
<td>H2R</td>
<td>SEAT, TWO-MAN PASSENGER High Back with Integral Headrest in Outboard Position, Center Fold-Down Armrest with Storage, Cloth, with Recline</td>
</tr>
<tr>
<td>0016LVT</td>
<td>H2S</td>
<td>SEAT, TWO-MAN PASSENGER High Back with Integral Headrest in Outboard Position, Center Fold-Down Armrest with Storage, Lockable Storage in Seat Cushion, Cloth, with Recline</td>
</tr>
<tr>
<td>Feature Code</td>
<td>RPO Code</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>0016LVR</td>
<td>H2Q</td>
<td>SEAT, DRIVER Non-Suspension, High Back with Adjustable Headrest, 10-Way Power Adjustable, Cloth, Power Lumbar</td>
</tr>
<tr>
<td>0016SPR</td>
<td>DF2</td>
<td>MIRRORS (2) Wide Load, Manual Folding and Extending, Black Head, Mounting Bracket and Arms</td>
</tr>
<tr>
<td>0016SPT</td>
<td>DP9</td>
<td>MIRRORS (2) Wide Load, Manual Folding and Extending, Bright Head, Black Mounting Bracket and Arms, Heated Head, Turn Signal Indicator Located in Mirror, Power Operated</td>
</tr>
<tr>
<td>0016VKK</td>
<td>1LT</td>
<td>CAB INTERIOR TRIM Diamond, for Crew Cab</td>
</tr>
<tr>
<td>0016VKK</td>
<td>YE9</td>
<td>CAB INTERIOR TRIM Diamond, for Day Cab</td>
</tr>
<tr>
<td>0016VKB</td>
<td>1WT</td>
<td>CAB INTERIOR TRIM Classic, for Day Cab</td>
</tr>
<tr>
<td>0016VCC</td>
<td>379</td>
<td>Seat Belt All Orange; 1 to 3</td>
</tr>
<tr>
<td>0016VCB</td>
<td>3F9</td>
<td>SEAT BELT All Red; 1 to 3</td>
</tr>
<tr>
<td>0016WHJ</td>
<td>KUD</td>
<td>HOSE CLAMPS, HEATER HOSE (Breeze) Belleville Washer Type</td>
</tr>
<tr>
<td>0016WAK</td>
<td>A31</td>
<td>WINDOW, POWER (2) in Left and Right Doors</td>
</tr>
<tr>
<td>0016XCP</td>
<td>AJ3</td>
<td>AIR BAG, DRIVER SIDE</td>
</tr>
<tr>
<td>0016XCP</td>
<td>AK5</td>
<td>AIR BAG, DRIVER SIDE</td>
</tr>
<tr>
<td>Feature Code</td>
<td>RPO Code</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>----------</td>
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</tr>
<tr>
<td>0016XAL</td>
<td>AQQ</td>
<td>KEYLESS ENTRY SYSTEM REMOTE with Panic Alarm and Horn Beep Lock Confirmation, Includes Two Key Fob Transmitters</td>
</tr>
<tr>
<td>0016XZA</td>
<td>C67, C32</td>
<td>AIR CONDITIONER and Heater, Single Zone</td>
</tr>
<tr>
<td>0016XCR</td>
<td>C99</td>
<td>AIR BAG, PASSENGER SIDE</td>
</tr>
<tr>
<td>0016XCN</td>
<td>D07</td>
<td>CONSOLE, BETWEEN SEATS Floor Mounted, Reconfigurable with Movable Cup Holders, Cell Phone Storage, (1) 12 Volt, Cigar Type Receptacle, (2) USB Ports, and Hanging File Holder Capability</td>
</tr>
<tr>
<td>0016XCS</td>
<td>DH6</td>
<td>SUN VISOR, INTERIOR with Illuminated Mirror for Driver and Passenger-Sides</td>
</tr>
<tr>
<td>0016XUC</td>
<td>EON</td>
<td>ACCESS, CAB Driver &amp; Passenger-Sides, One Bright Aluminum Step Per Door, for use with Regular &amp; Extended Cabs</td>
</tr>
<tr>
<td>0016XUD</td>
<td>EON</td>
<td>ACCESS, CAB Driver &amp; Passenger-Sides, One Bright Aluminum Step Per Door, for use with Crew Cab</td>
</tr>
<tr>
<td>0016XCN</td>
<td>D07, K4C</td>
<td>CONSOLE, BETWEEN SEATS Floor Mounted, Reconfigurable with Movable Cup Holders, Cell Phone Storage, (1) 12 Volt, Cigar Type Receptacle, (2) USB Ports, and Hanging File Holder Capability</td>
</tr>
<tr>
<td>0016XJR</td>
<td>KA1</td>
<td>SEAT HEATER, FRONT for Driver and Passenger Seats</td>
</tr>
<tr>
<td>0026DTX</td>
<td>PWY</td>
<td>WHEEL, SPARE, DISC (Accuride 50180) 19.5x6.75 Rims, Powder Coat Steel, 4-Hand Hole, 8-Stud, 275mm BC, Hub-Piloted</td>
</tr>
<tr>
<td>Feature Code</td>
<td>RPO Code</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>0027DTX</td>
<td>PWS</td>
<td>WHEELS, FRONT {Accuride 50180} DISC; 19.5x6.75 Rims, Powder Coat Steel, 4-Hand Hole, 8-Stud, 275mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs</td>
</tr>
<tr>
<td></td>
<td>PWR</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PWQ</td>
<td></td>
</tr>
<tr>
<td>0028DVE</td>
<td>PWV</td>
<td>WHEELS, REAR {Accuride 29695} DUAL DISC; 19.5” Polished Aluminum Outer Wheel and Steel Inner Wheel, 8-Stud (275MM BC) Hub Piloted, Flanged Nut,</td>
</tr>
<tr>
<td>0029ACD</td>
<td>Q91</td>
<td>TIRE VALVE CAP Flo-Thru Design</td>
</tr>
<tr>
<td>0029AAU</td>
<td>Q92</td>
<td>TIRE VALVE CAP {Alligardo V2B} Flo-Thru Design</td>
</tr>
<tr>
<td>0029SAE</td>
<td>FF3</td>
<td>WHEEL SEALS, FRONT {Chicago Rawhide Nitrile} for Oil Lubricated Wheel Bearings</td>
</tr>
<tr>
<td>0029WLK</td>
<td>FG0</td>
<td>WHEEL BEARING, FRONT, LUBE {EmGard FE-75W-90} Synthetic Oil</td>
</tr>
<tr>
<td>92AA</td>
<td>X88</td>
<td>GM IP PARAMETERS Market Brand, Chevrolet</td>
</tr>
<tr>
<td>0510AAB</td>
<td>VT7</td>
<td>0510AAB</td>
</tr>
<tr>
<td>0516005</td>
<td>E01</td>
<td>ACCESS, CAB Driver &amp; Passenger-Sides, Single Step Per Door, For Use with Regular &amp; Extended Cabs</td>
</tr>
<tr>
<td>0516006</td>
<td>E01</td>
<td>ACCESS, CAB Driver &amp; Passenger-Sides, One Step Per Door, For Use with Crew Cabs</td>
</tr>
<tr>
<td>0592CV3</td>
<td>CV3</td>
<td>GM IP PARAMETERS for Mexico</td>
</tr>
<tr>
<td>508032</td>
<td>5DY</td>
<td>SPECIAL ROUTING, GROUP 08 for Completion of Electrical Components System, Installed at TSC Springfield</td>
</tr>
<tr>
<td>0592K40</td>
<td>K40</td>
<td>GM IP PARAMETERS for Engine Exhaust Brake</td>
</tr>
<tr>
<td>0508014</td>
<td>KL6</td>
<td>TAIL LIGHT LOCATION Tail Lights Located on Inside of Frame Rail</td>
</tr>
<tr>
<td>Feature Code</td>
<td>RPO Code</td>
<td>Description</td>
</tr>
<tr>
<td>-------------</td>
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<td>-------------</td>
</tr>
<tr>
<td>0508015</td>
<td>MTZ</td>
<td>TAIL LIGHT LOCATION Tail Lights Located on Outside of Frame Rail</td>
</tr>
<tr>
<td>0507015</td>
<td>N12</td>
<td>TAIL PIPE Horizontal, Straight Type, for Single Exhaust</td>
</tr>
<tr>
<td>0507016</td>
<td>NPR</td>
<td>TAIL PIPE Horizontal, Single Exhaust, Exit Right-Side Over the Rear Axle, Behind Rear Wheel</td>
</tr>
<tr>
<td>0592PTO</td>
<td>PTO</td>
<td>GM IP PARAMETERS for Engine Control (PTO) Controls</td>
</tr>
<tr>
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<td>ZY3</td>
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<td>COLOR COMBINATION-TWO TONE, SPECIAL</td>
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## 17.2. APPENDIX B: NAMING CONVENTION AND ACRONYMS TABLE

**Table 1433  Naming Convention**

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<th>Navistar Name</th>
<th>Navistar Acronym</th>
<th>GM Name</th>
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<td>Air Filter</td>
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<td>Air Cleaner Housing</td>
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<td>Alternator</td>
<td>—</td>
<td>Generator</td>
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<td>Ambient Light Sensor</td>
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<td>Ambient Light / Sunload Sensor</td>
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<td>Ammonia Slip Catalyst</td>
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<td>Ammonia Slip Filter</td>
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<td>CD Player</td>
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<td>Media Disc Player</td>
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<td>DEF Head Unit</td>
<td>Reductant Pump and Sensor Assembly</td>
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<td>Reductant Line</td>
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<td>Reductant Line Heater</td>
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<td>Reductant Pump, DEF Pump Module, Reductant Temperature Sensor</td>
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<td>DEFSP Temperature</td>
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<td>Diesel Exhaust Fluid Tank Level</td>
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<td>GM Name</td>
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<td><strong>GM Name</strong></td>
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