13

PIGTAILS

SPIRALES DE RACCORD

CONECTORES
# Ultra-Blue-Seal® Molded Plugs Commonly Used in Trailer Harness Applications

<table>
<thead>
<tr>
<th>Plug Type</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Male Pin</strong></td>
<td>• Double Seal&lt;br&gt;• Grease slot</td>
</tr>
<tr>
<td><strong>90° Male Pin</strong></td>
<td>• Double Seal&lt;br&gt;• Grease slot</td>
</tr>
<tr>
<td><strong>Female Pin - PL3</strong></td>
<td>• Double Seal&lt;br&gt;• 90°</td>
</tr>
<tr>
<td><strong>Clearance Marker</strong></td>
<td>• Designed to fit surface mounting brackets</td>
</tr>
<tr>
<td><strong>Marker Lamp Plug - PL10</strong></td>
<td>• Double Seal&lt;br&gt;• Available in flow-through applications</td>
</tr>
<tr>
<td><strong>Thin Line Plug</strong></td>
<td>• Double Seal&lt;br&gt;• Grease slot&lt;br&gt;• Available in flow-through applications</td>
</tr>
<tr>
<td><strong>Sentry Lamp</strong></td>
<td>• Available in 2-way and 3-way configurations</td>
</tr>
<tr>
<td><strong>Hard Shell</strong></td>
<td>• Available in 2-way and 3-way configurations</td>
</tr>
<tr>
<td><strong>Turtleback Plug</strong></td>
<td>• Double Seal&lt;br&gt;• Available in flow-through applications</td>
</tr>
<tr>
<td><strong>.180 Slimline and Standard Options</strong></td>
<td>• Available in flow-through applications</td>
</tr>
</tbody>
</table>

### Grote’s Double Seal Advantage
The Double Seal is a molded-in circular ring in each connector that corresponds to a mating ring on the lamp. The inner sealing ring covers the terminal area. The outer ring double seals around the outside area of the lamp plug connection.

### Grote’s Male Pin Termination
Center grease reservoir, plus side locking tabs on the lamp protect against hydraulic pressure forcing connection open.
### THIN-LINE LED PIGTAILS
Factory-molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system
- Uses patented double-seal protection
- Grease grooves for additional sealing protection
- Slim-Line .180 male bullets

- 66930 5" Long, Chassis Ground System
- 66931 6" Long, Ground Return

**VMRS Code:** 034-004-042

### SEALED MARKER LAMP PIGTAILS
Factory-molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system
- Double seal resists corrosion
- Fits 2" and 2 1/2" round and beehive-style LED and incandescent lamps
- Slim-Line .180 male bullets

**DOUBLE SEAL:**
- 67001 6' Long, Ring Terminal Ground, Blunt Cut Wire
- 66850 6' Long, Chassis Ground
- 66851 6' Long, Ground Return

**SINGLE SEAL:**
- 66801 6' Long, Ground Return
- 67050 6' Long, Ring Terminal Ground, Blunt Cut Wire
- 67050-5 6' Long, Ring Terminal Ground, Blunt Cut Wire
- 66840 6' Long, Chassis Ground, Standard .180 Male
- 66800 6' Long, Chassis Ground, Slim-Line .180 Male

**VMRS Code:** 034-004-042

### CLEARANCE / MARKER PIGTAILS
Factory-molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system
- Fits 4674 series clearance / marker lamps, and 4709 and 6029 / 6030 license and utility lamps
- Pigtail designed to be integral part of mounting bracket (43790)

- 66980 6' Long, Chassis Ground, Slim-Line .180 Male
- 66981 6' Long, Universal Replacement, Blunt Cut, Ring Terminal Grommet
- 66982 8' Long, Ground Return

**VMRS Code:** 034-004-042
MARKER LAMP PIGTAIL
Fits all Grote® 2-bulb marker lamps with flag terminals, including 4526-,
4546-, 4593-, 4630-, 4678- and 4679- series lamps

67120 7 3/4" Long, .180 Slim-Line Male
VMRS Code: 034-004-023

SEALED, ECONOMY CLEARANCE/ MARKER LAMP PIGTAIL
Fits 4607- series lamps

66360 6 3/4" Long w/ 3/8" Wire Strip
VMRS Code: 034-002-031

TURTLEBACK® II DOUBLE-SEAL LAMP PIGTAILS
Factory-molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system
• Pigtail for 4880-, 4884-, 4686- and 4687- series lamps • All connections fit under lamps

66910 6" Long, Chassis Ground, Slim-Line .180 Male
66911 6" Long, Ground Return, Standard .180 Male
67070 2 1/2" Long, Ground Wire, Standard .180 Male
67071 Two-Wire, Standard .180 Male
VMRS Code: 034-004-042

SENTRY LAMP PIGTAILS
Factory-molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system
• Sealed plug-in pigtail for 5206-, 5202-, and 5306- lamps • O-ring helps prevent moisture and corrosion

66900 6" Long, Chassis Ground, Slim-Line .180 Male, 3 1/2' Ground, Star Ring Terminal
66904 6" Long, Ground Return, Slim-Line .180 Male
66905 6" Long, Chassis Ground, Slim-Line .180 Male
VMRS Code: 034-004-042

SENTRY HIGH-MOUNT STOP PIGTAIL
Fits 54012 lamp • Sealing ring to lamp base • O-ring resists moisture and corrosion

66902 6" Long, Slim-Line .180 Male, 3’ Ground, Star Ring Terminal
VMRS Code: 034-004-042
**HIGH-MOUNT STOP LAMP PIGTAIL**

Factory-molded plugs for use with the ULTRA-BLUE-SEAL® trailer wiring system • Fits 4925 series lamps for use in HMSL applications

66870 12 1/2' Long, Slim-Line .180 Male

VMRS Code: 034-004-042

**STOP/TAIL/TURN THREE-WIRE PLUG-IN PIGTAILS FOR MALE PIN LAMPS**

Dual function for S/T/T lamps • O-ring seal resists moisture and corrosion • Quality ULTRA-BLUE-SEAL® construction • Grease grooves for additional sealing protection

66815 6' Long, Ground Return, Slim-Line .180 Male
66841 8' Long, Chassis Ground, Slim-Line .180 Male
67002 11' Long, Chassis Ground, Blunt Cut Wire

VMRS Code: 034-002-031

**STOP/TAIL/TURN THREE-WIRE 90° PLUG-IN PIGTAILS FOR MALE PIN LAMPS**

Dual function for S/T/T lamps • O-ring seal resists moisture and corrosion • 90° plug for reduced clearance applications • Quality ULTRA-BLUE-SEAL® construction • Grease grooves for additional sealing protection

66816 6' Long, Ground Return System, 90° Plug, Slim-Line .180 Male
66845 8' Long, Chassis Ground, 90° Plug, Slim-Line .180 Male
67005 11' Long, Chassis Ground, 90° Plug, Blunt Cut Wires

VMRS Code: 034-002-031

**SINGLE FUNCTION TWO-WIRE PLUG-IN PIGTAILS FOR MALE PIN LAMPS**

Straight-in pigtail • Single function • O-ring seal resists moisture and corrosion • Quality ULTRA-BLUE-SEAL® construction • Grease grooves for additional sealing protection

67013 11' Long, Chassis Ground, Blunt Clut Wire
66842 10' Long, Chassis Ground, Slim-Line .180 Male

VMRS Code: 034-002-031
SINGLE-FUNCTION TWO-WIRE 90° PLUG-IN PIGTAILS FOR MALE PIN LAMPS

Factory-molded plugs for use with quality ULTRA-BLUE-SEAL® trailer wiring system • 90° plug for reduced clearance applications • Single function • O-ring seal resists moisture and corrosion • Grease grooves for additional sealing protection

66846 10’ Long, Chassis Ground, 90° Plug, Slim-Line .180 Male
67016 11’ Long, Chassis Ground, 90° Plug, Blunt Cut Wires

VMRS Code: 034-002-031

STOP/TAIL/TURN THREE-WIRE PLUG-IN PIGTAILS FOR FEMALE PIN LAMPS

Dual function for S/T/T lamps • Factory molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system

66812 6’ Long, Chassis Ground, Slim-Line .180 Male
66825 8’ Long, Ground Return, Slim-Line .180 Male
67000 11 1/2” Long, Chassis Ground, Blunt Cut Wires

VMRS Code: 034-002-031

STOP/TAIL/TURN THREE-WIRE 90° PLUG-IN PIGTAILS FOR FEMALE PIN LAMPS

Factory-molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system • Dual function for S/T/T lamps

66811 18’ Long, Chassis Ground, Slim-Line .180 Male, Star Ring Terminal
66843 18’ Long, Chassis Ground, Blunt Cut Wires, Star Ring Terminal
66844 18’ Long, Ground Return, Slim-Line .180 Male

VMRS Code: 034-002-031

UNIVERSAL 3-WIRE 90° PLUG-IN PIGTAIL FOR FEMALE-PIN LAMPS

90° construction for reduced clearance applications • Dual function for S/T/T lamps • Mates to Grote® and competitive lamps with female termination

67090 13’ Long, Chassis Ground, 90° Plug, Blunt Cut Wires
67090-5 13’ Long, Chassis Ground, 90° Plug, Blunt Cut Wires **Note**

VMRS Code: 034-002-031
### TWO-WIRE PLUG-IN PIGTAILS FOR FEMALE-PIN LAMPS

Factory-molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system
- Single function
- Includes dummy pin to help guide the pigtail into lamp

<table>
<thead>
<tr>
<th>Straight</th>
<th>Details</th>
<th>Part Number</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>67010</td>
<td>11 1/2' Long, Chassis Ground, Blunt Cut</td>
<td></td>
<td>67010</td>
</tr>
<tr>
<td>67011</td>
<td>10 1/4' Long, Chassis Ground, Standard .180 Male</td>
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<td>67011</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>90° Plug</th>
<th>Details</th>
<th>Part Number</th>
<th>Length</th>
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</thead>
<tbody>
<tr>
<td>67014</td>
<td>10' Long, Chassis Ground, Blunt Cut</td>
<td></td>
<td>67014</td>
</tr>
<tr>
<td>67020</td>
<td>10' Long, Ground Return, Slim-Line .180 Male</td>
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<td>67020</td>
</tr>
</tbody>
</table>

**VMRS Code:** 034-002-031

### TRIPLE-LAMP ID HARNESSES

Designed for use with ULTRA-BLUE-SEAL® wiring system
- Factory-molded plugs resist moisture and corrosion
- Slim-Line .180 male terminations at power end

<table>
<thead>
<tr>
<th>Details</th>
<th>Part Number</th>
<th>Length</th>
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</thead>
<tbody>
<tr>
<td>54&quot; Long, Universal Triple-ID Jumper (31&quot;x12&quot;x12&quot;)</td>
<td>66111</td>
<td></td>
</tr>
<tr>
<td>60&quot; Long, LED Triple-ID Jumper (36&quot;x12&quot;x12&quot;)</td>
<td>66932</td>
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**VMRS Code:** 034-004-023 - 66111  
034-004-042 - 66932

### DEUTSCH® CONNECTOR

Mates with Trilliant® Work Lamps and competitive lamps using Deutsch® connectors

<table>
<thead>
<tr>
<th>Details</th>
<th>Part Number</th>
<th>Length</th>
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<tbody>
<tr>
<td>Deutsch® to Packard®</td>
<td>68010</td>
<td></td>
</tr>
<tr>
<td>Packard® to Deutsch®</td>
<td>68020</td>
<td></td>
</tr>
<tr>
<td>Deutsch® to Packard® (Hard Shell SuperSeal)</td>
<td>68030</td>
<td></td>
</tr>
<tr>
<td>Packard® to Packard®</td>
<td>68060</td>
<td></td>
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<tr>
<td>12&quot; Long, Blunt Cut Wires</td>
<td>68610</td>
<td></td>
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</tbody>
</table>

**VMRS Code:** 034-002-031
**HARD SHELL SUPERSEAL CONNECTOR**

Mates with Trilliant® Work Lamps and competitive lamps using AMP supersaeal connectors  
68580  9” Long, Blunt Cut Wires  
VMRS Code: 034-004-042

**HARD SHELL CONNECTOR PIGTAILS**

Mates with Grote® and competitive lamps using Hard Shell SuperSeal 1.5 series connectors  
**DUAL FUNCTION:**  
66861  11” Long, Chassis Ground, Blunt Cut Wires  
**SINGLE FUNCTION:**  
66862  11” Long, Chassis Ground, Blunt Cut Wires  
VMRS Code: 034-002-031

**PACKARD® CONNECTOR PIGTAIL**

Sealed plug-in style pigtail for Grote® Hybrid Midturn / Marker LED lamp  
66826  6” Long, Slim-Line .180 Males  
VMRS Code: 034-002-031

**METRI-PACK® PLUG-IN SEALED PIGTAIL**

Fits either 4- or 5-wire applications  •  Fits 5370-, 5371-, 5372- and 5376- series lamps  
68680  20” Long, Sealed, Blunt Cut Wires  
VMRS Code: 034-002-031

**TWO-LAMP 9” Y ADAPTER PIGTAILS**

Accommodates 6-lamp systems  •  Molded termination avoids moisture and corrosion buildup  •  For use with 4” round and oval S/T/T lamps  •  Retrofits to superior Grote® male pin LED lamps without the need for new wiring  
**90° PLUG:**  
66814  9” Long, Adapter, Female-to-Male Pin  
**STRAIGHT:**  
66810  9” Long, Adapter, Female-to-Female Pin  
66813  9” Long, Adapter, Male-to-Male Pin  
VMRS Code: 034-002-031
**MIDTURN ADAPTER PIGTAILS**

Factory-molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system  
- For use with 4” round and oval S/T/T lamps  
- 6” midturn adapter harness  
- Dummy plug in brown female .180 receptacle

66820  Adapter, Female-to-Female Pin, (2) Additional Standard .180 Receptacles  
66823  Adapter, Male-to-Male Pin, (2) Additional Standard .180 Receptacles  

VMRS Code: 034-002-031

**ADAPTER PLUGS**

Includes female-to-male pin lamp termination, and male-to-female pin lamp termination  
- For use with 4” round and oval S/T/T lamps  

66830  6” Long, Female Pin to Male Pin Lamp Termination  
66831  6” Long, Male Pin to Female Pin Lamp Termination  
66836  6” Long, Female Pin to 90° Male Pin Lamp Termination  

VMRS Code: 034-002-031

**ADAPTER PLUGS FOR HARD SHELL CONNECTORS**

For use with 4” round and oval S/T/T lamps

- **COMPETITIVE HARNESS TO MALE PIN:**  
  67006  6” Long, Hard Shell to Male Pin Connector  
- **FEMALE PIN HARNESS TO AMP CONNECTOR:**  
  66860  6” Long, Female Pin to Hard Shell Connector  

VMRS Code: 034-002-031

**COMBO PIGTAILS**

For 4” integrated Back-up Lamp  

- **4” WITH INTEGRATED BACK-UP:**  
  66863  Converter for Male Pin Lamps (10” Long)  
  66864  Converter for Female Pin Lamps (10” Long)  
  66865  Converter for Hard Shell Lamps (10” Long)  
  01-6686-E3  Ring Terminals to Lamp Termination  
- **4” W/O INTEGRATED BACK-UP:**  
  66442  Converter for Male Pin Lamps, 10”  
  66443  Converter for Female Pin Lamps, 10”  
  66444  Converter for Hard Shell Lamps, 10”  

VMRS Code: 034-002-031
**REPLACEMENT LAMP SOCKET PIGTAILS**

Ensures positive bulb contact in all types of weather • Exceeds all existing automotive requirements • Heavy gauge thermoplastic wire with brass contacts, terminals and flags

**DOUBLE CONTACT:**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Length</th>
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<tbody>
<tr>
<td>68130</td>
<td>7 1/2” Long</td>
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</tr>
<tr>
<td>68150</td>
<td>6 1/2” Long</td>
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</table>

**SINGLE CONTACT:**

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<th>Description</th>
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<tbody>
<tr>
<td>68170</td>
<td>9 1/2” Long</td>
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</table>

VMRS Code: 034-004-023 - 68110
034-004-042 - 68130, 68150, 68080, 68170

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**TWIST-IN SOCKET PIGTAIL**

Includes 194 bulb • Fits 46002, 46003, 46913, 45662, 45712 and 45713 marker lamps

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Length</th>
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<tbody>
<tr>
<td>68380</td>
<td>9 1/2” Long, Socket, Blunt Cut Wires</td>
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</tbody>
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Volts / Amp: 12V / .27A
VMRS Code: 034-004-042

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