13

PIGTAILS

SPIRALES DE RACCORD

CONECTORES
**ULTRA-BLUE-SEAL® MOLDED PLUGS COMMONLY USED IN TRAILER HARNESS APPLICATIONS**

- **Male Pin**
  - Double Seal
  - Grease slot

- **90° Male Pin**
  - Double Seal
  - Grease slot

- **Female Pin - PL3**
  - Double Seal
  - 90°

- **Clearance Marker**
  - Designed to fit surface mounting brackets

- **Marker Lamp Plug - PL10**
  - Double Seal
  - Available in flow-through applications

- **Thin Line Plug**
  - Double Seal
  - Grease slot
  - Available in flow-through applications

- **Sentry Lamp**
  - Available in 2-way and 3-way configurations

- **Hard Shell**
  - Available in 2-way and 3-way configurations

- **Turtleback Plug**
  - Double Seal
  - Available in flow-through applications

- **.180 Slimline and Standard Options**
  - Available in flow-through applications

**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 (43780)

- 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 4680-, 4684-, 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/TAI/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/TAI/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 Cut 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

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>67010</th>
<th>11 1/2’ Long, Chassis Ground, Blunt Cut</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>67011</td>
<td>10 1/4’ Long, Chassis Ground, Standard .180 Male</td>
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<tr>
<td><strong>90° PLUG:</strong></td>
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<tr>
<td>67014</td>
<td>10’ Long, Chassis Ground, Blunt Cut</td>
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<tr>
<td>67020</td>
<td>10’ Long, Ground Return, Slim-Line .180 Male</td>
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</tbody>
</table>

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

**TRIPLE-LAMP ID HARNESS**

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

| 66111 | 54” Long, Universal Triple-ID Jumper (31”x12”x12”) |
| 66932 | 60” Long, LED Triple-ID Jumper (36”x12”x12”) |

**VMRS Code:** 034-004-023 - 66111
               034-004-042 - 66932

**DEUTSCH® CONNECTOR**

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

| 68010 | Deutsch® to Packard® |
| 68020 | Packard® to Deutsch® |
| 68030 | Deutsch® to Packard® (Hard Shell SuperSeal) |
| 68060 | Packard® to Packard® |
| 68610 | 12” Long, Blunt Cut Wires |

**VMRS Code:** 034-002-031
HARD SHELL SUPERSEAL CONNECTOR
Mates with Trilliant® Work Lamps and competitive lamps using AMP® superseal 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

<table>
<thead>
<tr>
<th>DUAL FUNCTION:</th>
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<tr>
<td>66861</td>
<td>11” Long, Chassis Ground, Blunt Cut Wires</td>
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</table>

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<thead>
<tr>
<th>SINGLE FUNCTION:</th>
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</thead>
<tbody>
<tr>
<td>66862</td>
<td>11” Long, Chassis Ground, Blunt Cut Wires</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>90° PLUG:</th>
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<tbody>
<tr>
<td>66814</td>
<td>9” Long, Adapter, Female-to-Male Pin</td>
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<thead>
<tr>
<th>STRAIGHT:</th>
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</thead>
<tbody>
<tr>
<td>66810</td>
<td>9” Long, Adapter, Female-to-Female Pin</td>
</tr>
<tr>
<td>66813</td>
<td>9” Long, Adapter, Male-to-Male Pin</td>
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</tbody>
</table>

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

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**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

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**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

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**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)
  01-6666-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

<table>
<thead>
<tr>
<th>DOUBLE CONTACT:</th>
<th></th>
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<tbody>
<tr>
<td>68130 7 1/2&quot; Long</td>
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<tr>
<td>68150 6 1/2&quot; Long</td>
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<thead>
<tr>
<th>SINGLE CONTACT:</th>
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<tbody>
<tr>
<td>68170 9 1/2&quot; Long</td>
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VMRS Code: 034-004-023 - 68110
034-004-042 - 68130, 68150, 68080, 68170

**TWIST-IN SOCKET PIGTAIL**

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

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<tbody>
<tr>
<td>68380 9 1/2&quot; Long, Socket, Blunt Cut Wires</td>
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Volts / Amp: 12V / .27A
VMRS Code: 034-004-042

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