BERU extends its Ceramic Glow Plug range

BERU Ceramic Glow Plugs for VW, Opel, Renault-Nissan now also available in our range for the aftermarket.

BERU is a trusted development partner to all leading automobile manufacturers. Wherever the cars of the future are being created, BERU is in demand as an expert in ignition technology.
BERU Ceramic Glow Plugs

Modern engine designers are looking for solutions that make heat energy available when the engine would otherwise generate higher emissions due to excess cooling.

High requirements linked to refinement, low emissions and performance can result in poorer starting characteristics, something which the BERU ceramic glow plug can offer a solution for.

The forward looking BERU Ceramic Glow Plugs (CGP) fulfill these requirements – from rapid temperature rise to a high maximum temperature. At the same time they are characterized by high-durability and long life.

What makes BERU Ceramic Glow Plugs special?

Particular design of the ceramic treating rod:

The heating element consists entirely of electrically conductive ceramic. Because its surface has a higher specific resistance than the material of the supply and return conductors, the glow rod only glows at the tip (cap) and thus reaches high temperatures more rapidly. The glow pin contact consists of an internal and external conductor separated by an insulator.

Technical features

- Glow temperatures up to 1300°C
- Extremely rapid heat-up time in under 3 seconds to 1300°C
- Extended life time
- Exact measurement of the glow plug resistance
- Optimized close-loop control for pre-, intermediate and post-heating
- Reducing pollutant emissions due to improved combustion

Shorter heat up times than conventional ceramic glow plugs.
Ready to order: 15 NPI’s from BERU

Ceramic Glow Plugs

Ignition coils

Glow Plug timer relay
<table>
<thead>
<tr>
<th>Trade Number</th>
<th>CGP002</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product group</td>
<td>Ceramic Glow Plug</td>
</tr>
<tr>
<td>OE Reference</td>
<td>N 105 916 04, N 105 916 08</td>
</tr>
</tbody>
</table>

**Main Application**
- **Audi**: A3, A4
- **Seat**: Alhambra, Altea, Cordoba, Ibiza, Leon, Toledo
- **Skoda**: Fabia, Octavia, Roomster, Superb
- **Volkswagen**: Crafter, Jetta, New Beetle, Passat, Polo, Sharan, Touareg, Transporter

**Year**
- 2004

**EAN/UPC-Code**
- 4044197848225

**Dimension (mm)**
- 97 x 12 x 9

**Gross Weight (kg)**
- 0,027

**Net Weight (kg)**
- 0,025
### Trade Number
CGP003

### Product group
Ceramic Glow Plug

### OE Reference
- N 105 798 03
- N 105 798 05

### Main Application
- **Audi**: A3, A4, A6
- **Seat**: Altea, Leon, Toledo
- **Skoda**: Octavia
- **Volkswagen**: Golf, Jetta, Passat, Touran

### Year
2004

### EAN/UPC-Code
4044197848249

### Dimension (mm)
117 x 8 x 6

### Gross Weight (kg)
0.022

### Net Weight (kg)
0.019
<table>
<thead>
<tr>
<th><strong>Trade Number</strong></th>
<th><strong>Main Application</strong></th>
<th><strong>EAN/UPC-Code</strong></th>
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<tbody>
<tr>
<td><strong>CGP007</strong></td>
<td><strong>Opel: Movano Bus, Vivaro F7 CDTI</strong></td>
<td>4044197848263</td>
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<tr>
<td></td>
<td><strong>Nissan: Murano, Navara, Pathfinder, Qashqai, X-Trail CDI</strong></td>
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<tr>
<td></td>
<td><strong>Renault: Espace IV, Koleos, Trafic II Bus</strong></td>
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<td></td>
<td><strong>Year</strong></td>
<td><strong>2007</strong></td>
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<table>
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<tr>
<th><strong>product group</strong></th>
<th><strong>OE Reference</strong></th>
<th><strong>Dimension (mm)</strong></th>
<th><strong>Gross Weight (kg)</strong></th>
<th><strong>Net Weight (kg)</strong></th>
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<tbody>
<tr>
<td><strong>Ceramic Glow Plug</strong></td>
<td><strong>Opel: 93198468</strong></td>
<td><strong>163 x 11 x 9,5</strong></td>
<td><strong>0,023</strong></td>
<td><strong>0,021</strong></td>
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<td><strong>Nissan: 11065 5X00A</strong></td>
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<td></td>
<td><strong>Renault: 82 00 561 251</strong></td>
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<tr>
<td>Trade Number</td>
<td>Main Application</td>
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<td>Dimension (mm)</td>
<td>Gross Weight (kg)</td>
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<tr>
<td>GSE104</td>
<td>Mercedes Benz: C-Class (W203) C30CDI AMG</td>
<td>4044197844142</td>
<td>190 x 130 x 8</td>
<td>0.336</td>
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<td>Product group</td>
<td>Year</td>
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<tr>
<td>Glow Plug timer relay</td>
<td>2002-2008</td>
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<td>A 034 545 64 32</td>
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Trade Number
GSE128

Product group
Glow Plug timer relay

OE Reference
77 00 109 860

Main Application
Renault: Clio II, Kangoo

Year
1998-2005

EAN/UPC-Code
4044197844289

Dimension (mm)
210 x 100 x 70

Gross Weight (kg)
0,210

Net Weight (kg)
0,158
**Trade Number**
GSE129

**Product group**
Glow Plug timer relay

**OE Reference**
77 00 111 525

**Main Application**
Renault: Clio II, Laguna I

**Year**
1997-2005

**EAN/UPC-Code**
4044197844302

**Dimension (mm)**
210 x 100 x 70

**Gross Weight (kg)**
0,212

**Net Weight (kg)**
0,160
### Trade Number
**GSE147**

### Product group
**Glow Plug timer relay**

### OE Reference
964069680

### Main Application
- **Citroën:** Berlingo
- **Ford:** Focus II, Fiesta V
- **Mazda:** Mazda 2
- **Opel:** Movano, Vivaro
- **Renault:** Trafic II Bus

### Year
2001

### EAN/UPC-Code
404419844166

### Dimension (mm)
105 x 100 x 40

### Gross Weight (kg)
0,105

### Net Weight (kg)
0,076
<table>
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<th>Trade Number</th>
<th>Main Application</th>
<th>EAN/UPC-Code</th>
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</thead>
<tbody>
<tr>
<td>GSE148</td>
<td>Citroën: XM</td>
<td>4044197844180</td>
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<tr>
<td>Product group</td>
<td>Peugeot: 605</td>
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<tr>
<td>Glow Plug timer relay</td>
<td>Year</td>
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<td>OE Reference</td>
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<table>
<thead>
<tr>
<th>Dimension (mm)</th>
<th>Gross Weight (kg)</th>
<th>Net Weight (kg)</th>
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<tbody>
<tr>
<td>210 x 100 x 70</td>
<td>0,216</td>
<td>0,154</td>
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</tbody>
</table>

Ignition Technology  
Diesel Cold-Start Technology  
Cooling  
Sensors
<table>
<thead>
<tr>
<th>Trade Number</th>
<th>Main Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSE149</td>
<td>Citroën: Berlingo, C2, C3, C5, Evasion, Jumper, SAXO, XANTIA, XSARA Break, Picasso</td>
</tr>
<tr>
<td></td>
<td>Peugeot: 106, 206, 306, 406, 605, 607, 806, 807, Boxer Box, Bus, EXPERT, Partner Box</td>
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<td>Year 1994</td>
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<table>
<thead>
<tr>
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<th>EAN/UPC-Code</th>
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<th>Gross Weight (kg)</th>
<th>Net Weight (kg)</th>
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<tbody>
<tr>
<td>Glow Plug timer relay</td>
<td>4044197844203</td>
<td>210 x 100 x 70</td>
<td>0,204</td>
<td>0,142</td>
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</table>

**Ignition Technology**  Diesel Cold-Start Technology  Cooling  Sensors
<table>
<thead>
<tr>
<th><strong>Trade Number</strong></th>
<th><strong>Main Application</strong></th>
<th><strong>EAN/UPC-Code</strong></th>
</tr>
</thead>
</table>
| **GSE151**       | **Audi**: A3, A4 Avant, A5, A6 Avant, A8 4,2 TDI quattro, Q5 2,0 TDI quattro  
| **Product group**| **Seat**: Alhambra, Leon  
| **Glow Plug timer relay** | **Skoda**: Octavia  
| **OE Reference** | **Volkswagen**: Beetle, Golf Sportsvan, Golf V, VII, Passat TDI, Sharan TDI, Transporter V Box  
| **047L907282**   | **Year** | **2003-** |
|                  | **Gross Weight (kg)** | **0,083** |
|                  | **Net Weight (kg)**   | **0,053** |
|                  | **Dimension (mm)**    | **105 x 100 x 40** |
|                  | **EAN/UPC-Code**      | **44044197844241** |
**Trade Number**
GSE152

**Product group**
Glow Plug timer relay

**OE Reference**
038907281D

**Main Application**
- **Audi:** A1, A3, Q3 TDI quattro
- **Seat:** Alhambra TDI, Altea, Ibiza IV, V, Leon, Toledo III
- **Skoda:** Fabia TDI, Fabia Combi, Octavia, Superb, Yeti,
- **VW:** Amarok, Caddy III Box, EOS, Golf V, Passat, Polo, Scirocco, Tiguan, Touran

**Year**
2003

**EAN/UPC-Code**
4044197844265

**Dimension (mm)**
105 x 100 x 40

**Gross Weight (kg)**
0,097

**Net Weight (kg)**
0,067

**Ignition Technology**
Diesel Cold-Start Technology

**Cooling**

**Sensors**
**Trade Number**  
ZSE156  

**Product group**  
Ignition Coils  

**OE Reference**  
22448-ZE00C  

**Main Application**  
Nissan: Armada, Titan  

**Year**  
2003  

**EAN/UPC-Code**  
4014427141501  

**Dimension (mm)**  
172 x 94 x 73  

**Gross Weight (kg)**  
0,230  

**Net Weight (kg)**  
0,190
Trade Number
ZSE157

Product group
Ignition Coils

OE Reference
22448-AR215

Main Application
Infiniti: FX45, M45, Q45

Year
2003-2008

EAN/UPC-Code
4014427141518

Dimension (mm)
172 x 94 x 73

Gross Weight (kg)
0,220

Net Weight (kg)
0,180
<table>
<thead>
<tr>
<th><strong>Trade Number</strong></th>
<th>ZSE158</th>
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<tr>
<td><strong>Product group</strong></td>
<td>Ignition Coils</td>
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<tr>
<td><strong>OE Reference</strong></td>
<td>22448-JA10C</td>
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<tr>
<td><strong>Main Application</strong></td>
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<tr>
<td>Infiniti:</td>
<td>EX35, M35, Q50</td>
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<tr>
<td>Nissan:</td>
<td>350 Z, Roadster, Altma, Murano, Tena II</td>
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<tr>
<td>Renault:</td>
<td>Laguna III, Latitude 2.5 V6</td>
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<tr>
<td><strong>Year</strong></td>
<td>2008</td>
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<td><strong>EAN/UPC-Code</strong></td>
<td>4014427141525</td>
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<tr>
<td><strong>Dimension (mm)</strong></td>
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<tr>
<td><strong>Gross Weight (kg)</strong></td>
<td>0.230</td>
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<td><strong>Net Weight (kg)</strong></td>
<td>0.190</td>
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<td>Trade Number</td>
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<tr>
<td>ZSE159</td>
<td><strong>Cadillac:</strong> CTS 5.7 V8, Escalade</td>
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<td></td>
<td><strong>Chevrolet:</strong> Avalanche, Camaro, Corvette, Silverado 1500, Trailblazer</td>
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<tr>
<td>Product group</td>
<td><strong>Year:</strong> 2009</td>
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<td>Ignition Coils</td>
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<tr>
<td>OE Reference</td>
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<td><strong>Dimension (mm):</strong></td>
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<td>172 x 94 x 73</td>
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<tr>
<td>Gross Weight (kg)</td>
<td><strong>Gross Weight (kg):</strong></td>
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<tr>
<td>0,310</td>
<td><strong>Net Weight (kg):</strong></td>
</tr>
<tr>
<td>0,270</td>
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</tbody>
</table>
In this BERU Newsletter

Ignition Technology

Spark Plugs
- Ultra
- Ultra X Titan
- Platin

Ignition Coils
- Distributor Ignition Coils
- Pencil Coils/Plug Top Coils
- Block Ignition Coils
- Ignition Coil Rails

Ignition Leads & Components

Diesel Cold Start Technology

Glow Plugs
- Post heating (GN)
- Post heating electrical (GE)
- Ceramic Glow Plugs

Pressure Sensor
Glow Plugs (PSG)

Instant Start
System (ISS)

Also available from BERU

Cooling
- Fan wheels
- Fan Clutches
- Electrical Fans

Sensors
- Oxygen
- High-temperature
- Speed, Oil and Temperature
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