

## DIESEL PIONEERS

At the forefront of Diesel technology, DENSO's superior R&D investment has helped to pioneer increasingly efficient, powerful and reliable Diesel engines with minimal emissions. Our achievements include:

**1991: DENSO** is the first OE manufacturer of Ceramic Glow Plugs; improving starting performance and reducing emissions



**1995: DENSO** pioneers the world's first Diesel Common-Rail system – optimum injection pressure for maximum performance, quality and reliability

**2002:** DENSO introduces the world's first 1800-bar Diesel Common Rail fuel system

**2005:** DENSO introduces the world's first 1800-bar Diesel Common Rail fuel system with highly responsive Piezo Injectors, providing even better combustion performance

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Driven by  
Quality



GLOW PLUGS SPARK PLUGS STARTERS & ALTERNATORS A/C COMPRESSORS DIESEL INJECTION PARTS WIPER BLADES

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## DENSO GLOW PLUGS

THE NEW CHOICE

- OE Quality range
- Excellent coverage
- Outstanding performance



from the Diesel pioneers

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DENSO

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## DENSO: the automotive innovators

DENSO Corporation has long been a leading name in OE automotive technology. Today, as the world's third largest automotive component manufacturer we pour continuous R&D investment into helping the world's top car-makers create increasingly responsive, efficient and reliable vehicles.

Now DENSO Aftermarket – which draws on this expertise – has complemented its Spark Plug provision with the addition of an exciting all-makes, OE Quality Glow Plug programme, benefiting from our cutting-edge Diesel technology. From superlative start-up performance to extended post-heating temperatures, DENSO Glow Plugs offer complete choice, competitively priced.



**DENSO Glow Plug Technology**  
**EXCELLENCE FOR A GROWING DIESEL MARKET**

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## The New Choice

- **Single Coil, Double Coil, Extended Post-Heating and Ceramic plugs**
- **OE Quality Glow Plugs that meet or exceed manufacturers' specifications**
- **Excellent coverage ensures suitability for almost every engine in Europe**
- **Faster heat-up times and a reliable cold-start**
- **Extended post-heat temperatures for lower emissions**
- **More applications covered with fewer part references**
- **Easy to use part numbering system**
- **Meets ISO TS16949, ISO14001 and OHSAS 18001 standards**

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## Design for Excellence



- 1 No more short circuits with insulating disc featuring exceptional strength and insulation
- 2 Zinc coated casing and terminal for long-lasting corrosion resistance
- 3 A rubber seal ensures the Glow Plug is 100% air-tight
- 4 Tightly packed magnesium oxide powder conducts heat and provides electrical insulation of the coil
- 5 Regulating Coil to control and sustain temperature rise, ensuring a rapid warm-up
- 6 Shorter, tapered heating coil delivers a quick start from as little as 3 seconds – even in cold conditions. It can then hold its post-heating temperature for up to six minutes, helping to lower engine emissions
- 7 Laser welding keeps the Heating and Regulating coils in position and ensures consistent resistance characteristics
- 8 Narrowed plug tip improves heating efficiency and performance

**DENSO**