

Bosch Duraterm® Glow Plug Technology

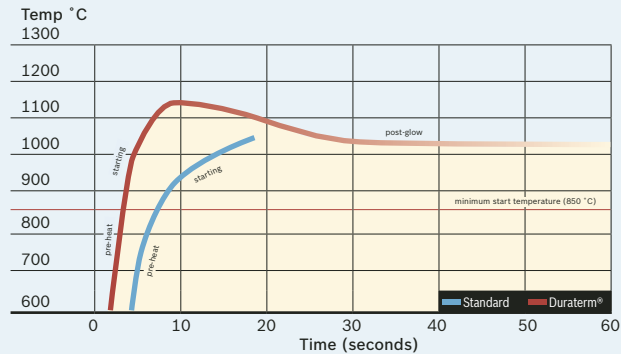
With a long history of diesel fuel injection expertise and innovation, Bosch leads the way in glow plug technology with its patented Duraterm® dual-control coil design. This technology utilizes a self-regulating system that reduces glow wait time by more than 50%. The patented dual control regulating and heating coil system effectively directs current draw, enabling the glow plug to reach higher temperatures more quickly for faster engine start-up. For vehicles with a post-glow* control system, this advanced technology results in a post-glow heating phase which allows for more efficient overall engine performance.

*The post glow feature allows the glow plug to remain active for up to three minutes after the vehicle has started.

Heating phase comparison

Standard glow plug technology vs. Bosch Duraterm®

(Standard represents average of Bosch and leading competitors.)



Trust the experience of Bosch

Bosch original equipment quality glow plugs are an essential part of every tune-up, and are available for domestic and import diesel cars and light trucks. Trust Bosch diesel engine parts for the ultimate in diesel engine performance.

Bosch also offers Fast Glow Kits for older European applications equipped with slow glow technology. Upgrading an older system with Duraterm® glow plug technology will improve overall performance by providing:

- Faster engine start-up for reduced waiting time
- Post-glow heating for smoother idling and reduced emissions



Diesel Glow Plugs

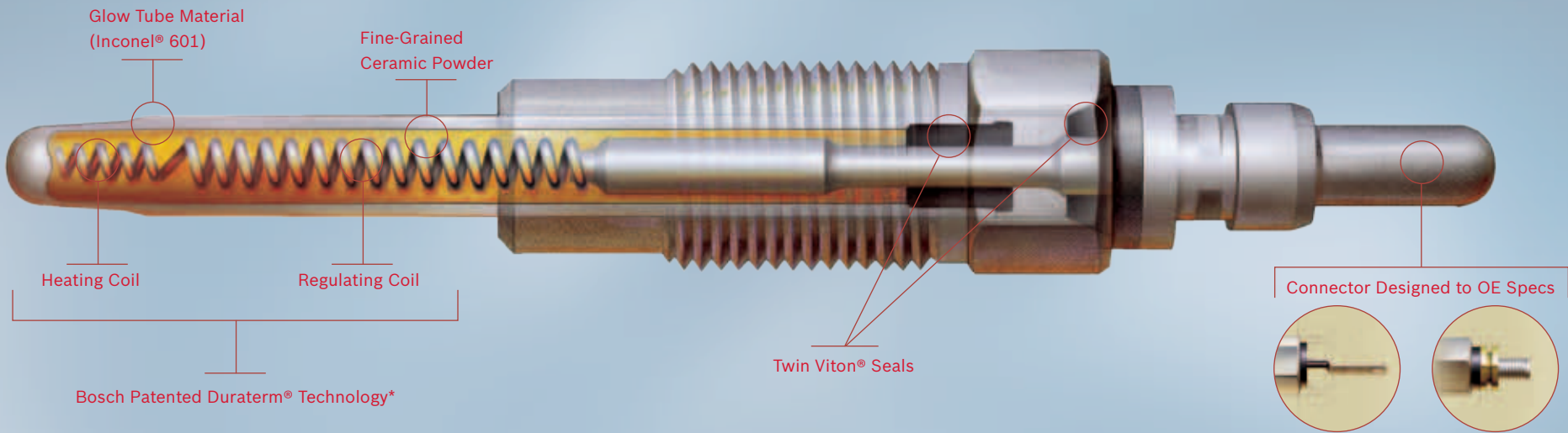


BOSCH
Invented for life

Bosch
Performance



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Duraterm® Technology for Superior Cold-Start Performance

Bosch Glow Plugs are critical for diesel engine start-up

The pre-heat, starting and post-glow phases of a glow plug's operation affect not only the start-up function, but the vehicle's overall performance as well (hard or no-start engine condition, poor idling after initial start-up, and/or engine oil dilution due to excessive cranking). That's why Bosch Glow Plugs are critical for diesel engine start-up, and supply the essential heat necessary to initiate combustion in cold weather conditions. They are designed and built to last for season after season of quick, reliable start-ups.

Feature

Bosch patented Duraterm® technology*
Regulating coil
Heating coil
Glow tube material (Inconel® 601)
Nickel-plated rolled threads
Fine-grained ceramic insulating powder
Twin Viton® seals
Conical seal
Connectors (designed to OE specifications)

Benefit

Enables the glow plug to reach higher temperatures more quickly for fast engine start-up
Controls current draw for rapid heat-up of the heating coil
Provides rapid heat-up of the glow tube and quick start-up
Resists corrosion and vibration over long service life
Increase strength and prevent seizure
Provides superior electrical insulation and high thermal conductivity
Promote longer life by protecting the coils against damage caused by exhaust gases
Maintains positive sealing to the combustion chamber
Deliver precise fit and easy installation



Exceptional start-up capabilities



Advanced Duraterm® technology



Superior performance

*Available for the majority of diesel car and light truck applications. Other applications employ standard glow plug technology per OE specifications.

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