

Online Selling Support - on the Web

BWD offers a unique opportunity to access and view its products on the web. Just go to www.bwdautomotive.com, select BWD and click on "Catalogs". When you type in requests such as Part Number Look-up, Application Look-up or OE Interchange, all of the relevant information about your requested search pops up on easy-to-navigate pages. Some of the features you can check are as follows:

- APPLICATION LOOK-UP
- PART NUMBER LOOK-UP
- OE INTERCHANGE
- COMPETITIVE CROSS REFERENCE
- UNIT PARTS GUIDE
- MARINE CATALOG

APPLICATION LOOK-UP

INJECTOR	Cylinder	Liter	Sub-Description
63365	4	2.0	NEON
63368	4	2.4	NEON

PART NUMBER LOOK-UP

Part Number	Make	Model
...

OE INTERCHANGE

Manufacturer	Part	Description
TOYOTA	CS911	CRANKSHAFT

COMPETITIVE CROSS REFERENCE

A New Look To Stop Traffic...



With The Technology To Keep It Going

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BWD

ENGINE MANAGEMENT TECHNOLOGY™



ENGINE MANAGEMENT TECHNOLOGY™

BWD is committed to being the best. Whether it is spending more on research and development, or upgrading and expanding its product line, BWD works hard to earn your trust and loyalty.

BWD is constantly evolving to give customers the competitive edge they need to compete in today's ever-changing marketplace.

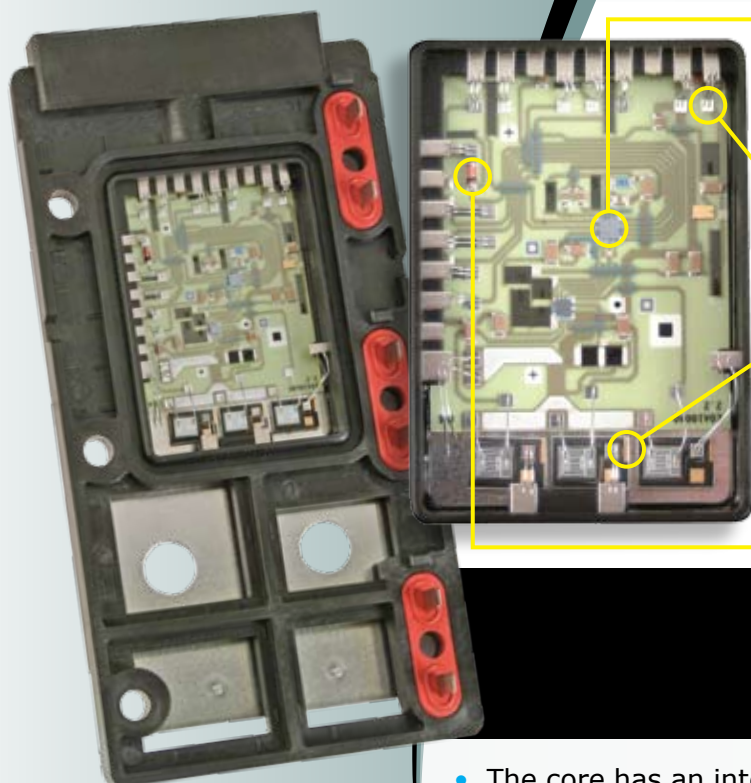
Fuel Injectors

BWD is a leader in providing a premium line of engine management products. When the OE part fails, we have the replacement parts offering high tech designs with perfect fit and perfect performance. With over 30,000 part numbers to choose from, we offer outstanding coverage for import and domestic cars and light trucks.



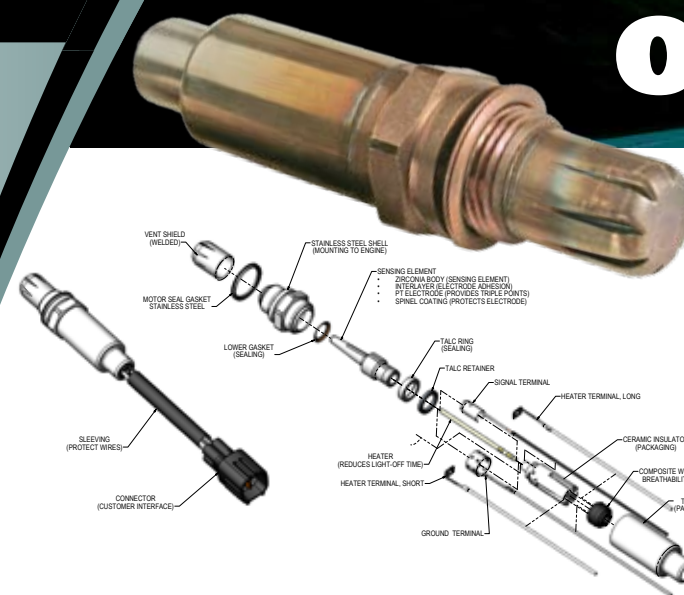
- Application-specific and precision-engineered to the original vehicle manufacturer's specifications for a perfect fit and performance.
- The coil is made with high quality insulated copper wire for fewer electrical shorts.
- Internal components are made from stainless steel, eliminating possible damage from rust such as flaking and nozzle clogs. This ensures a proper spray pattern and reliable delivery of the exact amount of fuel.
- They have the same fine spray patterns as originally specified, allowing for optimum engine performance and fuel economy.

DIS Modules



- The OE flip chip microelectronic assembly is directly assembled face down onto the circuit board, eliminating wire bonding to the chip, which minimizes premature failure.
- Double wire bonds make better connections leading to greater dependability and longer life, despite intense vibration and other harsh conditions.
- A copper slug heat sink provides better heat dissipation to prevent damage to the module.
- An electronic suppression diode (ESD) protects the unit from voltage spikes that could destroy the unit.

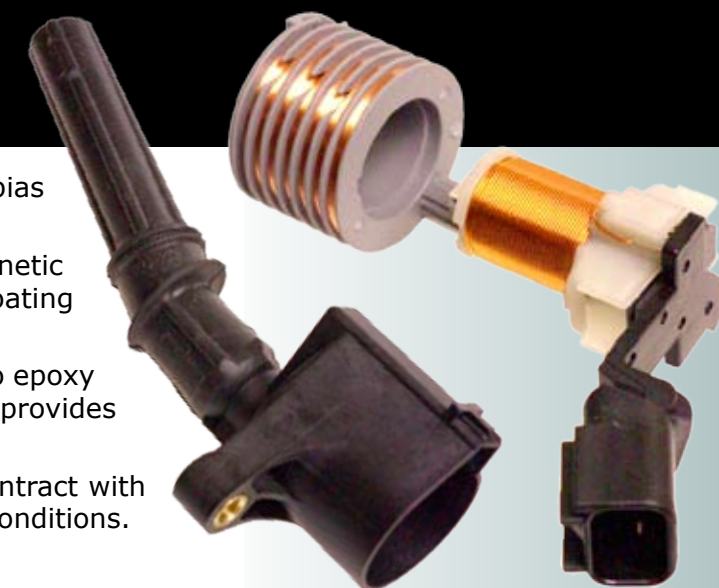
O2 Sensors



- Manufactured and designed with a stainless steel shell that reduces rusting and provides greater dependability.
- The center ceramic element is composed of Zirconium Oxide, Alumina and Yttrium Oxide.
- The platinum coating is applied using a vapor deposition, ensuring even application of this critical material.
- A Spinel coating on the outer platinum layer prevents solid particles in the exhaust gas from damaging the platinum coating.

Coil-on-Plug

- The core has an internal neodymium permanent magnet surrounded by grain-oriented magnetic laminated steel. This provides a magnetic bias to "jump start" the critical magnetic field. Maximum high voltage output is available at all speeds.
- The primary winding has a 200°C insulated coating over a premium 25 gauge copper wire, allowing low voltage to generate a strong magnetic field. When the low voltage magnetic field collapses, high voltage is generated in the secondary windings. A high temperature insulation coating prevents shorts between the windings under extreme operating conditions.
- The bobbin is made from fiber reinforced polyphenylene oxide glass material which has outstanding dielectric properties. It bonds very well to epoxy and is molded into a unique shape to keep the voltage directed along the correct path. This makes for a durable material and design that provides long life under extreme high-voltage conditions and the harsh automotive environment.
- The case is manufactured from high impact material that is tough and durable and has excellent thermal qualities. It does not expand or contract with the extreme temperature changes in the automotive environment and bonds extremely well to epoxy. This ensures long life in all operating conditions.
- The high temperature spark plug boot contains a conductive stainless steel spring and radio static noise suppressor.



PERFECT FIT • LONG LIFE • PERFECT PERFORMANCE