



## **Premium** Alternators and Starters

Built for extremes,  
of heat, cold and  
high demand.



**BOSCH**

Invented for life

**Professional Preferred**

## Worldwide OE Experience

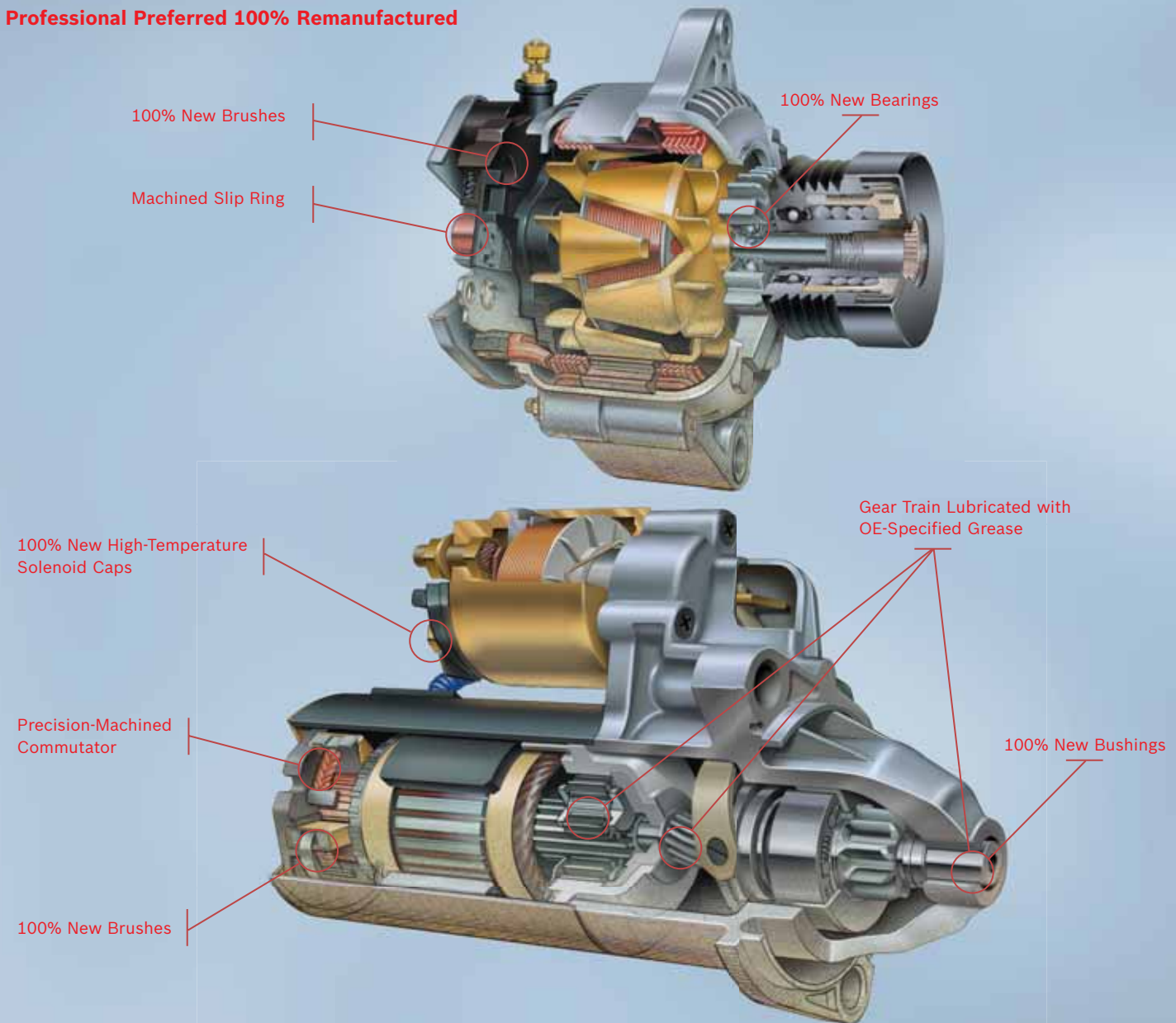
Bosch has been a major supplier of new alternators and starters to OE vehicle manufacturers since 1913. Securing OE certification requires strict adherence to stringent precision and performance criteria. These same exacting criteria are also applied in the manufacturing of all Bosch aftermarket alternators and starters. Whether 100% remanufactured or new, Bosch Premium Alternators and Starters are quality built and 100% factory tested to ensure years of reliable performance, even under the most extreme operating conditions. That's why they are preferred by more professional installers.

Bosch manufactures and supplies Original Equipment alternators and starters for virtually every vehicle manufacturer.

Audi	Hyundai	Rover
Buick	Jaguar	Saab
BMW	Jeep	Saturn
Cadillac	Mercedes-Benz	Sprinter
Chevrolet	Mitsubishi	Toyota
Chrysler	Nissan	Volkswagen
Dodge	Pontiac	Volvo
GMC	Porsche	

## Built for Extremes of Heat, Cold and High Demand

### Professional Preferred 100% Remanufactured



## The Best Value

There's more to value than simply price. In fact, research has shown that professional installers are willing to pay more for Bosch quality. The benefits they realize far outweigh the price difference. Bosch quality means virtually no come-backs, reduced warranty returns and satisfied customers. In addition, the Bosch program offers the industry's best coverage with fewer SKUs so you can offer your customers broad coverage without overextending your inventory. In the final analysis, when you stock Bosch, Remanufactured or New, you're earning higher resale profit dollars.

## Bosch Ultimate Protection Plan

Only Bosch offers the peace-of-mind of this value-added totally FREE, emergency roadside assistance program. Simply stated, if any Bosch Premium Alternator\* or Starter fails within two years of the date of purchase, Bosch will provide a free jump-start or tow from a qualified roadside service provider. This exclusive Bosch service is available 24 hours a day, seven days a week, anywhere in the United States or Canada.

**24 Hour/Month  
Roadside Assistance**

\*BUPP does not include 100% New High Output Alternators

Bosch Premium Alternators and Starters ensure years of reliable performance, even under the most extreme conditions.



### Bosch Professional Preferred 100% Remanufactured Alternators and Starters

- Built to last using the highest quality materials and the most technologically advanced manufacturing processes
- Remanufactured using more new parts than any other unit
- 100% exhaustive multipoint quality and performance testing throughout the remanufacturing process ensures optimum starting and charging performance under all operating conditions
- Every unit is full-load tested to guarantee compliance with Bosch strict performance specifications
- 24-month unlimited mileage warranty

### Alternators

- Voltage regulator 100% tested for OE voltage specifications (new on GM and Ford)
- Rectifier 100% tested (new on Ford)
- Diodes 100% tested (replaced with new as required)
- Rotor 100% performance-tested for maximum electrical output
- 100% new long life sealed bearings with special high load, high temperature grease
- Stator 100% insulation and phase balance tested
- Slip rings 100% new or remachined to +/- .05mm, the tightest tolerance in the industry
- 100% new long life self-lubricating brushes
- 100% new clutch pulleys
- All terminals, insulators and hardware provided
- All mounting points 100% gauged and resized or rethreaded for proper fit
- 100% computerized/full-load tested for total performance and output

### Starters

- Solenoid with 100% new terminal hardware, contact face and high temperature cap, are completely disassembled and computer performance tested for pull/hold strength
- 100% new long life self-lubricating brushes
- Gear train all new bushings
- Drive with 100% new bushings, springs, rollers, washers caps and high temperature lubrication
- Gear train lubricated with OE-specified grease providing protection from -40°F to +302°F
- Commutator remachined to Bosch tight tolerances
- Permanent magnets/field coils tested for field strength and shorts (replaced with new as required)
- Armature continuity tested, gauged, straightened and shimmed
- All electrical connections resoldered
- All shaft splines and load bearing surfaces lubricated with OE high temperature grade
- Drive gear 100% chamfer tested
- All seals and gaskets replaced per original equipment
- 100% full-load tested for maximum torque, amp draw and RPM



### Bosch Professional Preferred 100% New Alternators and Starters

- Built with original equipment quality components to withstand excessive heat and high electrical demand
- Identical in fit and performance to the OE parts they replace
- The perfect solution for certain problematic late-model applications that place an extreme burden on unit components in a high-heat environment
- 100% full-load tested for proven starting/charging performance
- Lifetime warranty



### Premium Packaging

Bosch Professional Preferred Alternators and Starters are packaged in protective corrugated boxes featuring high-impact graphics and trilingual copy to accommodate a wide range of market requirements. Each box also includes a handy booklet containing easy-to-follow installation instructions and warranty information (also trilingual), and the customer information and registration card for the Bosch Ultimate Protection Plan emergency roadside assistance program.

### Additional Support

The Bosch Professional Preferred Alternator and Starter catalog includes the most up-to-date application information for both domestic and import cars, light trucks, vans and SUVs. It features a buyer's guide section, competitor cross-references, special application notices, and a plug configuration ID guide. Bosch also supports your alternator and starter sales with attractive consumer and trade product literature, a technical and sales information brochure, and select point of purchase items.



**BOSCH**  
Invented for life