

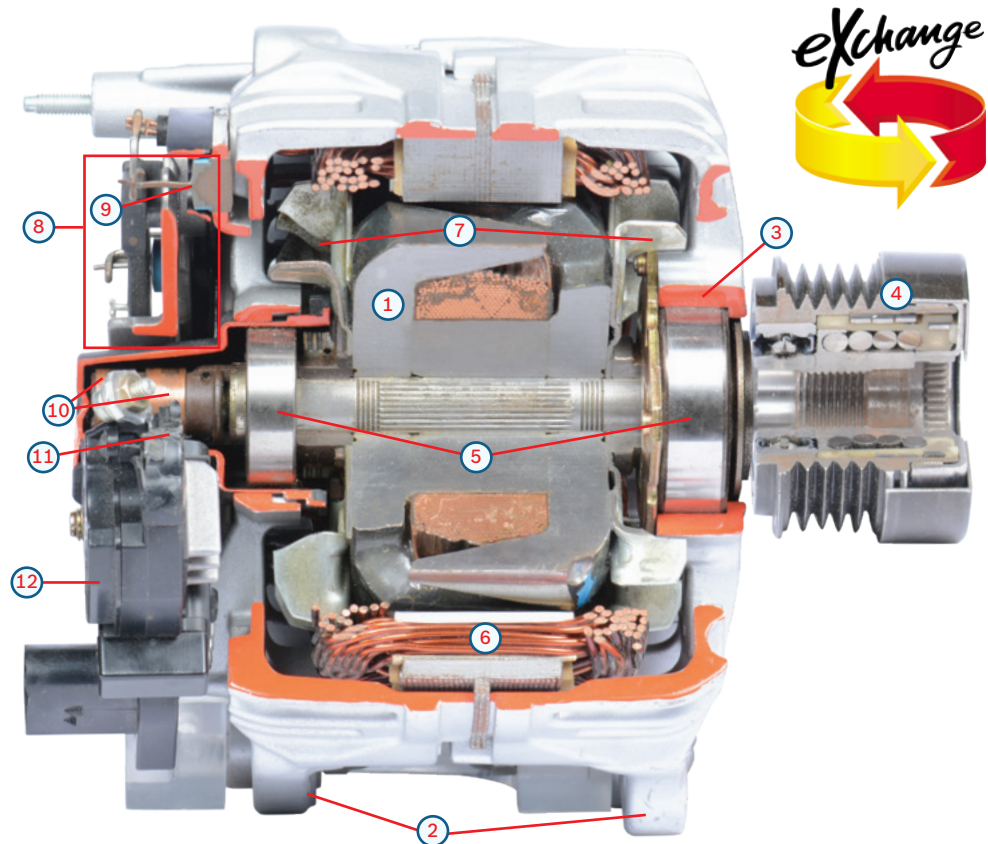
# Bosch Premium eXchange Alternators

**BOSCH**

Invented for life

Full-load tested to meet OE manufacturers' amperage, voltage, torque, and RPM specifications

**24** Hour/Month  
Roadside Assistance



- |  |   |
|--|---|
| <b>1 Rotor</b><br>- 100% tested for maximum electrical output                                      | <b>8 Rectifier</b><br>- 100% tested and replaced as needed  |
| <b>2 All mount points</b><br>- 100% gauged, resized or rethreaded for proper fit                   | <b>9 Diodes</b><br>- 100% tested and replaced as needed   |
| <b>3 Bearing seats</b><br>- Gauged and remanufactured  | <b>10 Slip rings</b><br>- Replaced/remachined 100% to +/- .05mm, the tightest tolerance in the industry<br>- Provides long brush life<br>- Reduces brush bounce |
| <b>4 Clutch pulley</b><br>- Replaced with 100% new   | <b>11 100% new brushes</b>  |
| <b>5 100% new bearings</b>   | <b>12 Voltage regulators</b><br>- 100% tested<br>- 100% new on all Delco/Ford applications  |
| <b>6 Stators</b><br>- 100% checked for maximum performance<br>- Replaced with 100% new as required |   |
| <b>7 Fans</b><br>- Checked and straightened for optimal air flow and cooling                       |   |

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

# Bosch Premium eXchange Alternators

## More New Replacements of Critical Components

Features	Benefits
100% full-load tested for OEM amperage and voltage output	Ensures charging performance and durability
All terminals, insulators and hardware provided	Cleaned and plated connections eliminate shorts and reduce lost time reusing or finding necessary hardware, etc.
All housing cleaned and mounts 100% gauged and re-sized or re-threaded	Allows easier mounting and installation
All fans straightened	Ensures quieter, vibrationless and cooler operation for long life
All pulleys plated	Uniform surface finish promotes long belt life, less belt slippage for peak performance
<b>Voltage regulator</b>	
100% tested for voltage stability	Ensures stable voltage output during extreme under-hood temperature
<b>Rectifier assembly</b>	
100% tested	Eliminates shorts, open circuits and leakage
Diodes 100% tested and replaced if required	Ensures highest reliability under extreme charging system demands
<b>Rotor</b>	
100% performance-tested for maximum electrical output	Ensures high load charging performance
Slip ring 100% new or re-machined to a tolerance of $\leq .05\text{mm}$ run-out	Increases brush life and reliability through reduced brush bounce at high RPM reducing electrical interference on computer controlled cars
100% new brushes and 100% new springs where available	Ensures longer life
<b>Stator</b>	
100% tested for insulation integrity and phase balance	Ensures that charging performance is per OEM specifications at all RPMs
<b>Bearing</b>	
100% new sealed/shielded with high load, high temperature grease, bearing seat 100% gauged and re-machined where required	Ensures quiet, vibration-free operation and long life durability