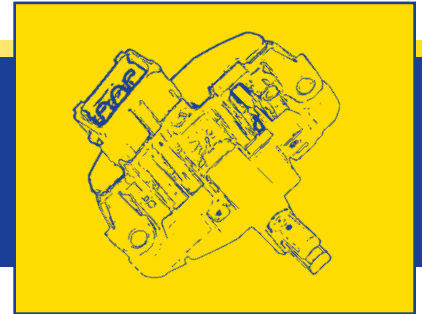




WAI-Transpo New Product Introduction

Voltage Regulator for Bosch IB545



IB545

Regulator for Bosch KC, NC Series

Replaces: 1-197-311-506, 516, 536, 545, 557; BMW 12-31-1-713-491; VW 038-903-803C

Units: 0-123-515-001, 002, 004, 007, 010

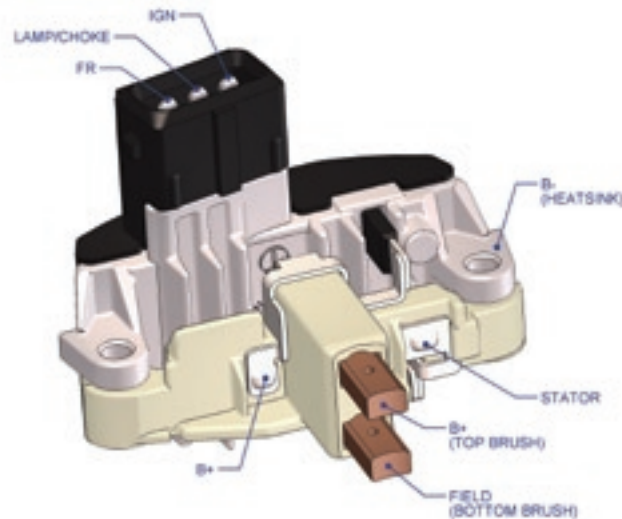
- A-Circuit, Volt Set 14.4V
- FR-L-IG Terminals
- Ignition Activated
- With LRC 12-Seconds
- With TempCo -1mV/°C
- Active Lamp Circuit Function - With Output
- Circuit protected against shorted Field, shorted Lamp, shorted Choke
- Special stator support circuitry ensures reliable tachometer and dual unit performance

TRANSP[®]

WAI-Transpo - Rebuilding Confidence

Where Quality is the First Detail - Yesterday – Today – Everyday!

Voltage Regulator for Bosch IB545



Exceptionally Robust Design

- Sophisticated micro based circuitry
- Shorted field circuit protection
- Shorted lamp circuit protection
- Shorted choke circuit protection
- Extreme load dump protection
- Thermal protection

High Amp / 40A MOSFET Field Power Device provides Exceptionally Cool Circuit Operation

- IB545: .83 Watts at 5A of Field current load
- OEM: 2.45 Watts at 5A of Field current load
- IB545: Vsat 0.17V at 5 Amps
- OEM: Vsat .49V at 5 Amps

Premium Materials Throughout

- High-Temp Housing
- Extended Life Brushes
- Thermally Conductive Adhesive, Dielectric, Potting Compounds

Consistently Reliability

- Quality Controlled Materials, Processes, Production
- Computerized In-Process and Post Production Testing
- Alt98 Bench Test Compatible