

# « JUST THE FACTS »

## Diesel Fuel Injection Pumps - Remanufactured

### Our Multi-Step Process Ensures Quality

Our Diesel Fuel Injection Pumps undergo a comprehensive remanufacturing process at our TS16949, ISO9001, and ISO14001 certified facility. Throughout the course of the multi-step process, the pumps and their components are completely disassembled, validated for reclamation, cleaned, inspected for conformity, reassembled, and thoroughly tested using factory-authorized performance specifications and test equipment.

### Based on our inspection, we replace the following components with new:

- Control, overflow, and solenoid-operated valves
- Supply pump
- Driveshaft
- Shutdown solenoid
- Advance piston
- Head and rotor
- Housing
- Positioner
- Internal seals

**Tech Tip:** For this repair, technicians are required to set the dynamic timing using the VW VAG-COM Software. When setting the dynamic timing, note that diagnostic trouble codes P1562/ P1563 (quantity adjuster positioner lower/ upper limit reached) are most often associated with incorrect timing of this injection pump.

### IP49

Volkswagen Beetle, Golf, and Jetta 1.9L w/ AT (2004-98)  
VIO over 215,000



### IP50

Volkswagen Beetle, Golf, and Jetta 1.9L w/ MT (2004-98)  
VIO over 49,000



### IP51

Volkswagen Jetta and Passat 1.9L w/ AT (1998-96)  
VIO over 60,000

