

HC-PSG5-xxxx-xx diesel pump control unit kits

1. Features

- Brand-new PSG5 control unit (no remanufactured or repaired components)
- Manufactured using new electronic components and materials only
- New DMV connector and wiring interface, resistant to vibration, moisture, and thermal cycling
- Supplied pre-coded and ready to operate
- No prior software loading or flashing required before installation
- Direct replacement for VP30 and VP44 distributor injection pump applications
- Mechanical and electrical compatibility with original pump housing
- Designed for stable operation in automotive and light commercial diesel environments
- Continuous production ensuring long-term availability

2. Description

Built from the ground up by Herlic Components, the PSG5 control unit is a brand-new replacement designed to restore full functionality to VP30 and VP44 distributor injection pumps in cases where original control units are no longer repairable, unavailable, or economically unviable.

Unlike remanufactured or repaired solutions, this unit replaces the original control electronics with new circuitry and new interfaces, engineered to integrate precisely within the original pump housing and operating environment. This approach delivers a reliable and repeatable solution, allowing diesel injection systems to return to stable and predictable operation.

The PSG5 control unit is suitable for use in passenger vehicles, light commercial vehicles, and selected off-highway applications where VP30 and VP44 pumps remain in service.

3. Supplied components

- HC-PSG5 control unit (Herlic components)
- Pump shaft control sensor
- Seal kit
- Quantity control valve and advance control valve wiring interfaces

4. Orientative illustration



5. Compatibility List

PRODUCT REFERENCE	APPLICATION PUMP
HC-PSG5-0040-02	0 470 004 002
HC-PSG5-0040-04	0 470 004 004
HC-PSG5-0040-05	0 470 004 005
HC-PSG5-0040-06	0 470 004 006
HC-PSG5-5040-05	0 470 504 005
HC-PSG5-5040-10	0 470 504 010
HC-PSG5-5040-18	0 470 504 018
HC-PSG5-5060-30	0 470 506 030
HC-PSG5-5060-33	0 470 506 033
HC-PSG5-5060-37	0 470 506 037
HC-PSG5-5060-38	0 470 506 038

* Compatibility list is being actively expanded.