

Powertec PS1 Power Shifter

The Powertec PS1 Power Shifter is a pneumatically-powered, paddle-operated, semi-automatic, power shift system. Although more expensive than some types of gear shifter, the pneumatic power shifter is the best system and is favoured by all front-running Le Mans prototype teams.

The PS1 system utilises an integrated pneumatic cylinder and valve actuation assembly which operates the gear change mechanism.

The steering wheel-mounted paddle shift system is similar in design to the one used on the Le Mans-winning Audi car, with two compact paddle-operated switches mounted on the back of a quick release steering wheel.

An integral compressor/accumulator produces air at 6 bar to operate the gear change mechanism.

The system operates with a wide range of programmable engine control units (ECU) which will cut the ignition for a pre-set period every gearchange. Seamless, clutchless upshifts and smooth quick-shift down-changes are easy to achieve.

An optional 'auto-blip' is available which automatically operates the throttle on down-changes, enabling clutchless changes to be made on both down-shifts and upshifts, whilst eliminating the risk of over revving the engine on a down change.

The PS1 will operate with the majority of superbike and sequential gearboxes.

Powertec PS1 System includes:

- Steering wheel-mounted paddle switches
- Integrated pneumatic cylinder and valve actuation assembly
- Lightweight compressor/accumulator and gauge
- Wiring and pneumatic hoses
- Kits available to suit Hewland, Quaife, Suzuki and Kawasaki gearboxes
- PS1 Kit retail £2832.50 + VAT
- Auto blip upgrade retail £980.00 + VAT.

