



● 180/700053/A - 3 cylinders

AFC-3.0 DI COMPACT



● 180/700054/A - 4 cylinders

The Prins AFC-3.0 DI Compact

Electronic Control Unit for the direct injection VSI-3 DI system



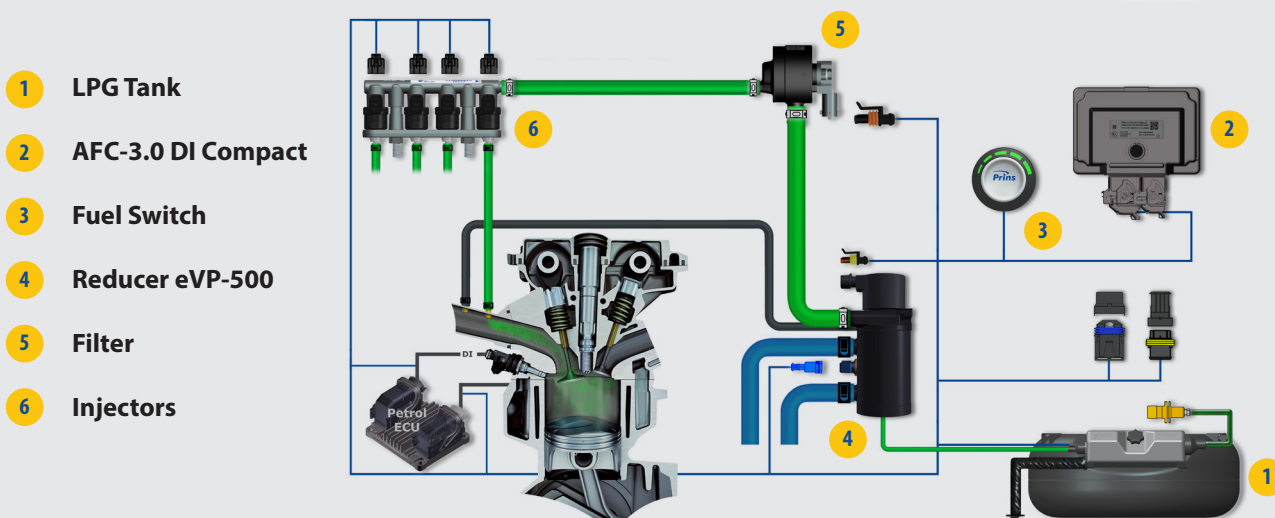
- Powerful, cost-effective, small and light ECU
- Full compatibility with all software calibrations
- For a wide range of vehicles equipped with 3 and 4- cylinder engines
- For converting GDI engines (no DI+MPI engines) to LPG or CNG
- For vehicles with latest Euro 6E emission technology
- Advanced software strategy <5% petrol consumption
- Lowering emissions and fuel costs
- R67, R110, R10 certified



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Main components of the Prins VSI-3 DI LPG system:



TECHNICAL DATA SHEET

Operating Temperatures	-40 °C to 100 °C
Housing	Plastic top cover with ventilation plug Aluminium bottom plate - IP69K
Operating voltage [V]	7,5 to 15 V, reverse voltage and ISO pulse protected
Analogue Inputs	10 total - 1 hardware pull up - 2 with switchable pull up & pull down 2 with switchable pull down
Digital Inputs	2 dedicated SMART sensor inputs (including limp home), with emulation output 2 digital inputs with switchable pull up
Petrol Injectors	up to 4 GDI injectors
Outputs	max 4 Gaseous injectors - 2 solenoid valves with PWM control possibility 1 external relay control output - 1 Fast low side switch
Analogue outputs	3 Emulation outputs (inc limp home)
Gas injector driver	Peak & Hold
Current consumption [mA]	Standby current 27 mA @ 12 V sleep current < 0,50 mA @ 12 V
Communication interfaces	3x CAN , 1x LIN, 1x UART