



AFC-3.0 DI 8 CYLINDER



● 180/700055/A - 8 cylinders

The Prins AFC-3.0 DI 8 cylinder

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



- Powerful, cost-effective ECU
- Full compatibility with all software calibrations
- For a wide range of vehicles equipped with 8 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



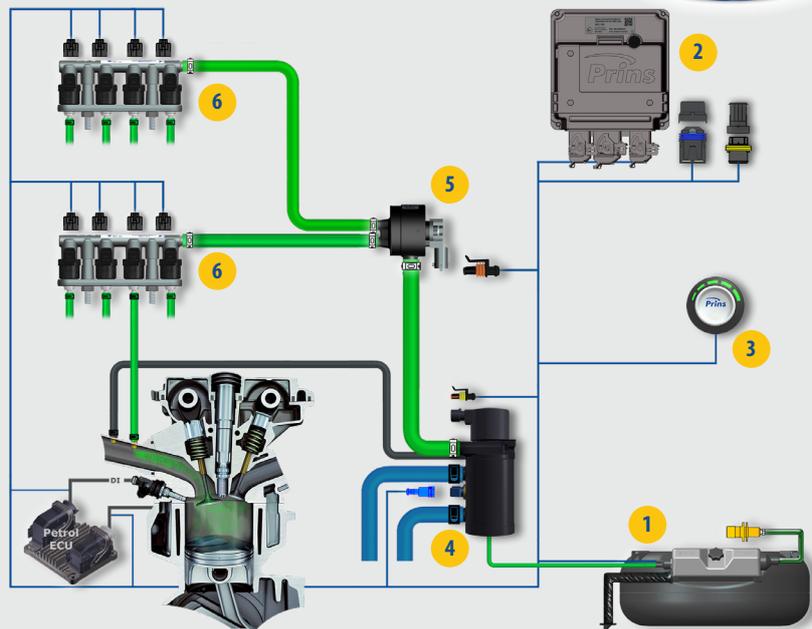
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Main components of the Prins VSI-3 DI LPG system:



- 1 LPG Tank
- 2 AFC-3.0 DI 8 cylinder
- 3 Fuel Switch
- 4 Reducer eVP-500
- 5 Filter
- 6 Injectors



TECHNICAL DATA SHEET

Environment	Engine compartment or interior, -40 °C to 100 °C
Homologations	R67, R110, R10
Operating voltage [V]	7,5 to 15V, reverse voltage and ISO pulse protected
Connector / Harness	3 Connectors - Molex 112 Pin
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 and trigger level
Petrol Injectors	up to 8 GDI injectors - injector current trigger and high side measurement
Petrol injector types	GDI injectors - flexible injector emulation
Outputs	8 Low impedance Gaseous injectors - 2 solenoid valves both with EPR control capability - 2 relay control output - 1 Fast low side switch
Analogue outputs	3 Emulation outputs (incl. limp home)
Gas injector driver	8 Amp (max) Peak mode closed loop - fully programmable control - Peak & Hold
Current consumption [mA]	Stand-by current 27 mA @ 12V - sleep current < 0,50 mA @ 12V
Communication interfaces	3x CAN, 1x LIN, 1x UART