

OEM High Pressure Fuel Pumps

Fuelmiser is proud to introduce a brand new range of high pressure Gasoline Direct injection (GDi) fuel pumps. These pumps are used in modern petrol engines with direct injection. Many vehicles in our carpark are now fitted with a GDi pump and as engine technology improves many manufacturers will adopt this technology for their vehicles.

Positioned directly on the engine the GDi pump is mechanically driven by the camshaft but is still fed by an electric fuel pump in the fuel tank. This style of pump is able to reach operating pressures upwards of 110 bar (1595psi) into the injector common rail and deliver fuel directly to the combustion chamber through high pressure atomising injectors.

The GDi pump is able to vary the pressure and fuel quantity to the injectors depending on engine load. This is done through the fuel pressure control valve on the pump which is controlled by the engine control unit (ECU)

The benefits of GDi is that it enables engines to improve fuel economy, lower emissions and increases power output.

Our current range of GDi pumps are all Genuine OEM manufactured by Hitachi in Germany and include the OEM cam follower where applicable.



Part Number	Application	Year
	Audi	
FPE-5000G	A3 8P1/8PA 1.6L BGU, BSE, BSF	MY03 - 11
FPE-5001/2G	A3 8P1/8PA 2.0L AXW, BLY, BMB, BVY, BWA	MY04 - 07
	Skoda	
FPE-5001/2G	Octavia 1Z3, 1Z5 2.0L BLR, BLX, BVY, BWA, AXX	MY07 - 10
	Volkswagen	
FPE-5000G	Golf Mk5 1.6L BGU, BSE, BSF	MY04 - 09
FPE-5001/2G	Eos 1F 2.0L BWA	MY07 - 08
	Golf Mk5 2.0L BLR, BLX, BVY	MY04 - 09
	Golf GTI Mk5 2.0L AXX, BWA	MY05 - 09
	Jetta 1K2 2.0L BLR, BLX, BVY, BWA, AXX	MY06 - 08
	Passat 3C2, 362 2.0L CAWB, BWA	MY08 - 10
	Passat 3C5, 365 2.0L CAWB, BWA	MY06 - 08
FPE-5003G	Golf GT Mk5 1.4L BLG	MY07 - 09
	Jetta 1K2 1.4L CAVD, CTHD, BLG	MY07 - 10
	Golf 1K5 1.4L CAVD, CTHD, BLG	MY07 - 09

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