



nitrous in the manifold), because it would cause the engine to stall or run very poorly. Therefore diesels are fitted with a dry nitrous system which relies on additional fuel being provided through the existing fuel injection system. Most modern diesel engines run rich to produce peak power - which is why you see smoke from them when they accelerate hard. The diesel nitrous system harnesses that wasted fuel to produce more power and cleaner emissions, allowing us typically to boost diesel cars by 25 or 50bhp with no other modifications.

Having just one solenoid and injector, this is a very cost-effective system, as well as being easy and quick to fit.

On some modern diesels which run very lean and have little extra fuel, or for customers who want higher boost levels, it is possible to have your ECU remapped to deliver more fuel to achieve higher nitrous boost levels, and cheap adjustable 'piggy back' modules are available which make the car run a little richer to produce more power - these are ideal for owners who want higher nitrous power levels. There are also alternatives such as propane injection or methanol injection which can help to provide extra fuel.

#### Parts Included:

- 1 x Venom Injector (spacer & retainer).
- 1 x **X10** solenoid with CNC machined SS fittings and laser cut mounting plates.
- 1 x 5 lb bottle with **Max-flow Valve**.\*
- 1 x **Laserlite** polished stainless steel QD bottle mounting system.
- 1 x Throttle activated micro switch & bracket (electronic TPS upgrade available for an additional charge).
- 1 x Arming switch w/ aircraft style cover.
- 1 x Electrical connectors & wire pack.
- 5M of 5mm high pressure micro bore nylon nitrous supply pipe.
- 0.5M of 4mm nylon supply line from solenoid to injector.
- 6 x 4mm retaining nuts and olives for nylon lines.
- 3 x Metering Jets (suitable for your application)
- Fitting instructions & stickers

*\*Bottle shipped empty due to UK shipping legislation*

#### POWERHOUSE Pricing as at April 2014 (all inc vat):

Hardware:	RRP
<b>SB150D complete kit</b>	<b>£534</b>
11lb bottle upgrade	£58
Twin 5lb upgrade	£251
Twin 11lb upgrade	£367
Twin polished 5lb	£359
Twin polished 11lb	£523
Boost pressure switch	£41
Nitrous pressure gauge	£42
Bottle heater	£176
Max Extreme Street Controller	£479
Max Extreme Race Controller	£587
Nitrous bottle filling, per lb	£6.80

Installation:	
SB150D	£375
Bottle Heater	£60
Max Extreme Controller	£150
Max Extreme Race Controller	£210
Gauge (if dash mounted)	£40-60 (free if bottle mounted)
Twin bottles	£45

**POWERHOUSE, Unit 7, Carr Wood Industrial Estate (Phase 1), Sheepbridge, Chesterfield, S41 9QB**

**Tel: 01246 260665 Email: [enquiries@powerhouseautomotive.co.uk](mailto:enquiries@powerhouseautomotive.co.uk)**