

**PRICE LIST FOR: PEUGEOT 306 GTI-6 / RALLYE ROTREX SUPERCHARGER CONVERSION**  
**SUITABLE FOR ENGINE CODE: XU10J4RS**

**CONVERSION STAGE: STAGE 2 - HIGH BOOST**  
**PEAK BOOST: APPROX. 1.3 BAR**

**TARGET POWER: CIRCA 400 BHP**  
**TARGET TORQUE: CIRCA 275 FT/LBS**  
**POWER BAND: 4000-8000 RPM**

**LYNX GARAGE + POWER ENGINEERING**  
**UNIT 19 THE TANNERIES**  
**BROCKHAMPTON LANE**  
**HAVANT**  
**HAMPSHIRE**  
**PO9 1JB**

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**ITEM DESCRIPTION**

**COST**

**MAIN CONVERSION PARTS**

Supercharger Kit	£1,175.00
Rotrex C30-94 Supercharger with 10-row oil cooler and complete oil circuit	£1,550.00
Intercooler [provisional allowance; cost subject to specification]	£200.00
Slimline Fans - SPAL 10" [2]	£130.00
ECU Reprogramming with 'generic' high-boost software [custom remap available at additional cost]	£250.00
Alloy bends for FMIC pipework - 5 no. [2.5" diameter]	£67.50
Alloy tube for FMIC pipework - 2M [2.5" diameter]	£27.00
Machined alloy 2" --> 2.5" reducer for supercharger outlet	£10.00
Silicone connectors / jubilee clips for FMIC pipework	£50.00

**FUEL SUPPLY SYSTEM UPGRADE**

4 BAR Fuel Pressure Regulator [subject to specification / availability]	£60.00
Walbro External 255LPH Fuel Pump	£100.00
Pipework / fittings for extending fuel lines to/from swirl pot	£50.00
Wiring and Relays for Fuel Pump	£15.00
Custom Made Fuel Swirl Pot - stainless steel [includes fittings to interface OE fuel lines]	£165.00
Bosch 440 CC High Impedence Injectors	£165.00
Mounting of Fuel Swirl Pot	£48.30
Electrical Installation of Fuel Pump to give relayed ignition switched +12V supply	£96.60
Modification of Fuel Lines etc	£48.30

**ENGINE REBUILD PARTS**

Forged Alloy Low Compression Pistons [price based on EURO FX rate as at 07/01/09]	£619.35
Forged Steel Connecting Rods [price based on EURO FX rate as at 07/01/09]	£815.72
Race Quality Big End Bearings	£60.00
Heavy Duty Main Bearings	£55.00
Thrust Bearings [0118 F4]	£25.70
Crankshaft Oil Seal [cambelt end] [0326 22]	£11.47
Crankshaft Oil Seal [flywheel end] [0127 28]	£15.00
Head Gasket [0209 Z2] [uprated item available - POA]	£37.64
Head Bolts [0204 A0] [ARP head studs available at extra cost]	£61.50
Timing Belt Kit inc. All Tensioners [0831 48]	£91.98
Waterpump [1201 A1]	£62.26
Seal for Oil Pathway Cover [Flywheel End] [0147 12]	£0.55
End Bearing Cap Seals [0127 05]	£1.78
Camshaft Oil Seals [0236 44]	£18.90
Oil Cooler Seal [1104 24]	£4.64
Thermostat Housing Gasket [1340 33]	£2.80
Thermostat Gasket [1340 48]	£0.87
Oil Filter	£9.78
Inlet Manifold Gasket [0349 G1]	£2.90
Exhaust Manifold Gasket [0349 F4]	£19.32
Valve Stem Oil Seals	£17.60
Exhaust Manifold Studs [0355 68]	£2.80
Exhaust Manifold Nuts [0341 22]	£6.60
Autojoint AJ66 Sealant for sump, cam carriers etc	£9.45
Graphogen Assemembly Paste [protects bearings on first start up until oil system primes, won't run off like oil]	£19.99
Royal Purple Racing 51 Oil [5 Litres]	£110.00
NGK Irridium Spark Plugs [high boost heat grade]	£35.00
Total Gearbox/Diff oil - 3 Litres [9736 41]	£36.84
Allowance for new PAS Fluid	£5.00
Allowance for new Coolant	£15.00

**MACHINE WORK**

Block Boring/Honing [diamond hone, plateau finish]	£138.00
Block Decking [to clean up gasket face]	£55.20
Crankshaft Journal Inspection / Polishing	£41.40
Head Skimming	£34.50
Head assembly - refitting valves with new stem oil seals etc etc	£20.70
Reconditioning of Oil Pump	£55.20

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**COST**

**LABOUR AND OTHER ITEMS**

**Engine/Gearbox removal, rebuilding and refitting:**

Removal of existing engine/gearbox	
Removal of all engine ancillaries and external components	
Stripping down of cylinder head/block and all internal components	
Rebuilding of cylinder head/block with parts listed above	£1,497.30
Assembly of all ancillaries and external components onto bare engine	
Installation of rebuilt engine/gearbox back into car	

**Fitting of Supercharger Kit and Associated Items**

Removal of bumper, OE fans and cowlings etc, and mounting of FMIC / Supercharger Oil Cooler	£96.60
Fabrication of charge pipework prior to welding	£96.60
TIG welding of charge pipework	£48.30
Final Assembly [once pipework welding complete] including fitting of new slimline fans, re-instate bumper etc	£48.30
Modification of engine ancillaries bracket	24.15
Fit supercharger bracket and pulleys	INCLUDED ELSEWHERE
Prepare throttle body and assemble with TB / C30-94 inlet adapter, press onto C30-94 compressor housing	24.15
Fitting of supercharger and associated components to engine	INCLUDED ELSEWHERE
Fitting of new inlet manifold, inc. Modification of vacuum lines etc	INCLUDED ELSEWHERE
Fitting of air filters / air scoop and modification of EVAP and PCV systems	24.15
Modification of engine wiring harness	72.45
Installation of supercharger oil circuit and associated items	£48.30
Modification / relocation of PAS system	£48.30
Fitting of drivebelt, tensioners etc etc	INCLUDED ELSEWHERE

**TOTAL COST [INCLUDING VAT]**

**£8,756.74**

**OPTIONAL EXTRAS**

Head Valve Seat re-cutting [SERDI 3 angle]	£98.70
Reconditioning of Inlet/Exhaust valves [inspection, blasting, grinding, polishing]	£112.80
New Inlet / Exhaust Valves	£176.25
Engine decoration / cosmetics	POA