

BOTTOM END
CRANKSHAFTS & BEARINGS

Crank Regrind	114.48
Main Bearing Std	54.23
Big End Bearings	44.56
Comp Main bearings	63.45
Comp Big end bearings	59.43
Thrust Bearings	14.56

GASKETS,SEALS & PUMPS

Sump Set Gaskets	46.16
Water Pump	55.32
Oil Pump	98.60
Genuine Peugeot oil pump	147.45
timing belt tensioner kit (includes Hiflow comp belt)	118.65
HFH comp timing belt	24.34

PISTON / PISTONS RINGS /ENGINE BLOCKS

JE 78.8mm Forged Pistons, std profile (1599cc)	575.00
Piston rings	92.34
Heavy duty blocks, freshly rebored to std bore size, pressure tested , Decked.Non Exchange	425.00

REBUILD COSTS

Engine assembly	350.00
Fitting head + setting valve timing	175.00
Pressure test Engine block	45.00
Block decked	65.00
Hone Block	65.00
Rebore	116.00

SECOND HAND PARTS

C2 VTS piston & conrod sets, set of 4	325.00
Piston Oil injectors, each	12.00
Conrods, each	65.00
Standard cranks, fully reground & balanced. Non exchange	325.00
C2 VTS alloy sump assemblies	25.00
C2 VTS / 106 Gti coil packs	75.00
Alternators	15.00
Starters	15.00
C2 VTS fly by wire throttle housing	50.00
Engine block, rebored & fully honed to 78.5mm , Pressure tested ,Decked. Non Exchange	500.00

CYLINDER HEAD
GASKETS & FIXINGS

Noisy head ? We can fix this , from	180.00
Fitting of Head to Block + Setting Cam Timing	175.00
HFH Comp cam belt	24.30
Head Bolts	23.16
Head Set (Head geasket, stem seals, cam seals, exhaust manifold gasket, inlet manifold o rings, Air chamber gaskets)	121.28
Head Gasket, Fibre	23.45
Head gasket, Steel 1.4/1.6mm Thick	68.76
Head gasket, High Comp 0.7mm Thick steel gasket	31.34
Hydraulic followers, each	13.77
Cam seals, each	6.24
Stem seals, Set of 16	12.36
Valve guides, each	8.37
Standard Valve springs set (16 of)	78.25
Exhaust manifold gasket	12.12

Balancing combustion Chambers	69.34
Exhaust valves (standard size 24.5mm), each	14.62
Inlet valves (standard size 28.8mm) , each	12.24
TU5JP4 , 110bhp Engines, Inlet valves (standard size 30.1mm)	13.72
CYLINDER HEADS + VALVE GEAR	
Budget Head (stage 1), Pessure test, skim , de-coke, skim,stem seals, assemble	300.00
Cylinder head combustion chamber damaged. WE CAN Repair this, from	70.00
Cutting 3 Angle Valve seats , Each	7.58
fitting bronze valve guides.	6.50
Rocker cover gasket sealant, The only sealant we have found to seal those leaky covers !	22.68
SECONDHAND PARTS	
C2 Heads VTS, complete with valves , cams , predrilled for Gti/VTS inlet. Non Exchange	500.00
106 GTI Cylinder heads complete with valves , cams , recon to st1 spec,	575.00
Uprated C2 VTS cams, per pair	100.00
106 Gti Cams, per pair	100.00
Competition Bottom End Componets	
LIGHTENED & BALANCED COMPONENTS	
Ultra light Flywheel, 30% Lighter than standard Units, MASSIVE improvement in acceleration	88.00
Balanced Crank	34.00
Balanced Clutch Cover	34.00
Balanced Pistons,engine set	34.00
Balanced Rods, engine set	34.00
CRANKSHAFTS	
Knifed edged ,balanced crank, exchange	300.00
Knifed edged ,balanced crank, non exchange	550.00
CONRODS	
Forged Conrod Rods , lightened & balanced with uprated conrod bolts fitted. Suitable for Turbo & Supercharged engines	780.00
Forged Conrod Rods , lightened & balanced with uprated conrod bolts fitted. Suitable for N/A engines	534.00
Conrods fully balanced fitted with Uprated conrods bolts , Conrod Beams fully polished. A MUST FOR HIGH REVING N/A ENGINES. Exchange	325.00
Heavy Duty Conrod Bolts	92.00
Rebush conrods to suit Forged Pistons .	165.00
CRANKSHAFT BEARING SETS	
Comp Main bearings	63.45
Comp Big end bearings	59.43
ENGINE BLOCKS	
Heavy Duty Block , ideal of BIG Bore Conversions, rebored & decked	500.00
Main Bearing Cap stud kit. A must for big BHP engines.	235.00
CLUTCH KITS	
Helix 'Fast Road 'Clutch kits	325.00
Helix 'Paddle 'Clutch kits, ideal for turbo & surcharged engines	398.00
Valeo clutch kit	128.00
OIL SYSTEM PARTS	
Baffle sump kit, pre welding in position. Exchange	95.00
Mocal oil cooler kit. (Sandwich plate, Hoses, Mocal Unit)	175.00
Dash Mounted Oil pressure gauge, White or Black Dial avail	62.00
86oc fan switch + top rad hose adaptor	78.00
Competition Pistons & Piston Ring Sets	
PISTONS	
78.8mm JE Forged Pistons, low compression. Ideal for turbo & supercharger conversion.	575.00
78.8mm JE Forged Pistons, std profile	575.00
78.8mm JE Forged Pistons, High Comp to suit big valve heads	599.00
80mm JE High Compression Pistons	599.00
C2 / 206 TU5JP4 Engines. 78.8mm High comp forged Pistons	499.00

78.5/78.7/79/ 80mm, High comp Pistons, Wossner	499.00
78.5/78.7/79/80mm, Turbo and supercharger Pistons, Wossner	499.00

COMPETITION CYLINDER HEAD COMPONENTS

VALVE GUIDES

Bronze valve guides, each	9.23
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HEAD GASKETS

78.5mm /78.8 /80mm bore Competition Head Gasket, Avail 1.2/1.4/1.6mm thickness. Std is 1.4mm	96.54
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78.5 /78.8/80mm bore Competition Head Gasket, 1.8mm thickness. Std is 1.4mm	145.00
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CAM GEARS

C2 / 206 TU5JP4 Engines, Vernier Pulleys, per pair	145.00
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Hiflow Competition Cam Belt	22.50
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FOLLOWERS & TAPPET

Competition Valve Springs kit (for use in 300 /320 duration cams)	270.00
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Solid lifters, 16 off	375.00
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Tappet shims for solid lifer kit , 2,3,4,5mm Available. Each	6.50
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Solid lifter kit, Set of lifters /tappet shims and reshim	675.00
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Head stud kit, ideal for Supercharged & Turbo applications	210.00
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Upated valve springs kits (springs + valve caps), ideal upgrade C2 VTS /206 1.6 16v engines.	135.00
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POLISHED & PORTED HEADS

PERFORMANCE HEADS FOR FAST ROAD WORK

Stage 3 Gasflowhead complete with valves, springs, standard cams, fully assembled with new stem & cam seals. Head skimmed & pressure tetsted. Sold on a NON exchange basis	850.00
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Recon St 3 Head (Standard valves) NEW Valve guides, 3 Angle valve seats , Exchange	790.00
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budget St 3 head (standard valves)	500.00
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PERFORMANCE HEADS FOR COMPETITION APPLICATIONS

Recon St4 Head (0.5mm Larger inlet valves) 16 NEW Valve guides, 16, 3 Angle valve seats , Exchange.	1011.00
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Budget St4 Head (2mm larger ex valves), Exchange	768.64
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PERFORMANCE HEADS FOR RACE & FORCED INDUCTION APPLICATIONS

Recon St5 Head (0.5mm Larger inlet valves & 1 mm Larger exhaust valves), 16 NEW Valve guides, 16, 3 Angle valve seats , Exchange.	1267.00
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Budget st5 Head (0.5mm Larger inlet valves & 1 mm larger exhaust valves), exchange	1037.00
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Stage 6 Head (31mm Inlet valves, 26.5 Exhaust valves, comp Valve springs, predrill for VTS/106 Gti Inlet) Non Exchange	1600.00
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PERFORMANCE CAMSHAFTS

KENT C2 / 206 TU5JP4 engine. Performance cams , Various profiles	408.00
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KENT C2 / 206 TU5JP4 engine. Performance cams , Reprofiled. Exchange	214.00
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CAT CAMS C2 / 206 TU5JP4 engine. Performance cams , Reprofiled. Exchange	260.00
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KENT 106 GTI engine. Performance cams , Various profiles	408.00
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KENT 106 GTI engine. Performance cams , Reprofiled. Exchange	214.00
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CAT CAMS 106 GTI engine. Performance cams , Various profiles	260.00
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COMPETITION VALVES

Oversize Superflow Forged One Piece 29.3mm inlet valves , each	47.00
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Oversize Superflow Forged One Piece 26.5mm exhaust valves , each	47.00
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oversize Superflow Forged One Piece 31.00 mm inlet valves,each . Suit 110bhp 1.6 16v engine + C2 VTS	47.00
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Forged 29mm inlet valves, (1mm oversize)	26.00
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Forged 25.5mm exhaust valves, (1mm oversize)	26.00
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INDUCTION / THROTTLE BODIES AND MANAGEMENT

ECU,s + PRE MADE LOOMS

Pre made Loom kit for Emmerald K6, FULLY labeled with comprehensive Fitting instruction	375.00
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Closed loop Air to Fuel ratio meter, enables K6 to fully map itself, kit includes in car Gauge	175.00
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Emmerald ECU, K6 , Ideal for Na/Turbo /Supercharger conversions	595.00
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THROTTLE BODIES

Jenvey 42mm throttle body kits + Emerald K3 + TB loom , TPS, Air Temp, Fuel Rail, Throttle cable, Inlet Manifold, Trumpets + throttle cable kit	1700.00
Hiflow 42mm Throttle body kit (Emmerald K6 ECU+TB Loom +Manifold+TPS+Air Temp+Fuel Rail+ injectors + M3D Loom Kit+ Pipecross Panel filter kit + Trumpets + backing plate+throttle cable kit + inlet manifold gasket) Base map on CD + FULL fitting instruction. EVERTHING YOU NEED , NO HIDDEN EXTRA'S	1950.00
Hiflow 38mm Throttle body kit (Emmerald K6 ECU+TB Loom +Manifold+TPS+Air Temp+Fuel Rail+ injectors + M3D Loom Kit+ Pipecross Panel filter kit + Trumpets + backing plate+throttle cable kit + inlet manifold gasket) Base map on CD + FULL fitting instruction. EVERTHING YOU NEED , NO HIDDEN EXTRA'S	1750.00
Hiflow 38mm Throttle body kits (Emmerald K6 ECU+TB's+Manifold+Fuel Rail + TPS + injectors +TB loom) Base map on CD	1250.00
Ported Throttle Body	65.00

ELECTRICAL SENSORS & INJECTORS

2 bar Map sensor	90.00
Standard Map sensor	74.34
Standard stepper motor, main cause of idling problems	92.54
Standard Coolant temp sensor	28.76
Standard Throttle potensimonitor	72.45
Injectors , various flow rates, from	180.00
C2 /206 TU5JP4 & 106 Gti / VTS engines. Coil Packs, Low mileage units	75.00

INDUCTION SYSTEM + MANIFOLDS

Ported throttle body, exchange	70.00
Pipercross Backing plate+ filter element for TWN Throttle bodies	135.00
Pipercross Backing plate+ filter element for HFH Throttle bodies	172.00
Inlet manifold for throttle bodies or 40 /45 Carbs	265.00
C2 /206 TU5JP4 Engines: Ported inlet manifold with cable operated oversize throttle body complete with stepper motor, injectors & fuel rail. Ideal way to get around the 'Fly BY Wire ' Setup.	475.00
FSE boost valve	98.50
Ported oversize throttle body to suit Alloy manifold	190.00
Alloy inlet manifold for turbo & supercharged conversion	440.00

TURBO / SUPERCHARGED COMPONENTS

TURBO + TURBO PARTS

CAST Turbo manifold & adaptor plate. Adaptor plates to suit most turbos	195.00
T2 Turbo , stage 2 upgrade with uprated actuator. Non exchange turbo boost gauge	650.00
CAST Turbo Manifold + Turbo Oil feed Pipework + Oil pressure sender & gauge + Modifed sump	64.50
Head stud kit, ideal for Supercharged & Turbo applications	365.00
Dump valves	210.00
Baffle sump assembly with Turbo oil drain pipework, Exchange	105.00
Low compression big valve head , ideal for forced induction conversion	195.00
Low compression head gasket	540.00
Low compression cast piston sets	156.00
Alloy inlet manifold for turbo & supercharged conversion	388.00
Hiflow 38mm Throttle bodies mounted in custom plenum chamber (Emmerald ECU K6 + TB Loom + Manifold+TPS+Air Temp+ MAP Sensor + Fuel Rail+ injectors + K6 Loom Kit+ throttle cable kit + inlet manifold gasket) Base map on CD + FULL fitting instruction + TECH Back up	440.00
	2900.00

SUPERCHARGER KITS + PARTS

Low compression big valve head , ideal for forced induction conversion	540.00
Low compression head gasket	156.00
Low compression cast piston sets	388.00
Low compression conrods sets with uprated rod bolts, good for 8 PSI. exchange.	290.00
Forged Conrod Rods , lightened & balanced with uprated conrod bolts fitted. Suitable for N/A engines	540.00
78.5mm /78.8 /80mm bore Competition Head Gasket, Avail 1.2/1.4/1.6mm thickness. Std is 1.4mm	117.94
Head stud kit, ideal for Supercharged & Turbo applications	210.00

Hiflow 38mm Throttle bodies mounted in custom plenum chamber (Emerald ECU K6 + TB Loom + Manifold+TPS+Air Temp+ MAP Sensor + Fuel Rail+ injectors + K6 Loom Kit+ throttle cable kit + inlet manifold gasket) Base map on CD + FULL fitting instruction + TECH Back up	290.00
Alloy inlet manifold for turbo & supercharged conversion	385.00
Supercharger kit: Comprises of support plate + charger belt tension assembly + Modified Eaton charger + Dump valve + boost gauge + charger output manifold.	1395.00

BIG BRAKE KITS

BRAKE KITS	
Gti-6 Front brake kits (Pair Calipers/Discs/Pads/Fixing bolts)	425.00
6 pot billet alloy brake kits , 283mm Grooved discs and Mintex performance pads, braided hoses, need 16" wheels	865.00

SUSPENSION PARTS & REAR BEAMS

SUSPENSION PARTS & REAR BEAMS

Track Rod Ends , each	8.90
GTI , front arms compete with competition front & rear bushes ,fully assembled. each	132.00
GTI , Front lower arms complete with front & rear bushes , each.	77.00
GTI, Front Drop Link bars, each	14.30
Lowering rear beam	110.00
Rear Beam rebuilds, from	310.00
Fitting front springs	70.00

ENGINE CONVERSIONS

Fitting Gti engine into Donar Car	300.00
Removal of old engine	300.00
Wiring Gti loom into Donar Car .	375.00
Rewiring Gti loom into your old existing loom, MAIL ORDER, just send us your looms and we will do the rest	350.00
Modify Exhaust system to suit Gti downpipe	60.00
Supply & fit 263mm brake discs & Pads, includes fitting	395.00
Unlocking ECU, Keypad or Transponder engines	210.00
4.5 litres Flushing oil , 2 of oil filter, 4.5 litres oil, Anti Freeze, 2 litres Gear box oil + new drive shafts seals + fitting	120.00
Push Button Start Kits, wiring + relay + diagram	65.00
Fitting push button start kit.	54.00
Supply & fit Mocal oil cooler kits .	295.00
Gti Off Side Front driveshaft	102.00
Uprated cooling Fan + fitting	210.00
Throttle cable kit	26.45
Fitting & installation of Throttle body kit, DRIVE IN DRIVE OUT.	550.00
Fitting Gas Flowed Head + setting valve timing + suppling fluids (does not include head gasket)	375.00
Fitting performance cams & setting valve timing	350.00
Remove & refit new timing kit belt. (Includes timing belt kit)	260.00

OILS & FLUID

Redline watter wetter, reduces engine & oil temps by upto 10oc . A must for highly tuned Na/ Forced induction engines	18.50
10-40w Redline Engine oil, double drain intervals, JET aircraft quailty oil, 3-5bhp increase , 4.8litres	72.00
Redline Gearoil, Improves gearshifts , extends life of gearboxes due to excellent lubricantion qualities. 2-4bhp increase. 2litres	36.70

SHORT ENGINE KITS

Road Spec : Short engine , All units under 40,000 miles, New big end bearings, water pump, oil pump, timing belt. Block painted. (limited stock of low mileage engines)	972.00
Budget Fast Road Spec: Block Honed, Comp piston rings, crank regound, Main bearings, Big end bearings, sump gasket set,oil pump, water pump, timing belt kit, Painted & fully assembled	1100.00

Fast Road Spec' Short engine , Rebore block , JE Forged Pistons, Crank reground, New main & big end bearings, water pump, oil pump, timing belt kit, sump set, lightened & balanced flywheel + oil filter. Block decked & Pressure tested and fully painted.	1890.00
Competition Spec' Short engine, Rebored block, JE Forged pistons , Crank reground, Comp Main bearings, Comp Big End bearings, sump set, fully lightened & balanced crank / flywheel / conrods / pistons / rods / clutch cover. Uprated conrod bolts, water pump, oil pump, baffle sump kit. timing belt kit + oil filter. Block decked & pressure tested & painted.	2270.00
Turbo / Supercharged spec, short engine, rebored block , JE Low comp forged pistons, Forged Rods, comp rings, crank reground & knife edged, Balanced Flywheel / conrods / pistons / clutch cover. Comp Main bearings, Comp Big end bearings, water pump, oil pump, sump set, baffle sump kit, timing belt kit + oil filter. Block decked & pressure tested & painted.	3100.00

COMPETITION ENGINES

130bhp Road Spec Engine , heavy Duty block rebored to std piston size, piston rings, Crank reground, Crankshaft bearing set, water pump, oil pump, timing belt kit, st1 budget head, fibre head gasket, head bolts + oil filter. Block decked & painted & fully assembled	1885.00
140bhp fast Road Spec Engine: Block Honed, Comp piston rings, crank regound, Main bearings, Big end bearings, sump gasket set,oil pump, water pump, timing belt kit, St2 spec head , fibre head gasket, head bolts. Painted & fully assembled	1750.00
150bhp Fast Road Spec Engine, Rebore block, Wossner Forged Pistons, piston ring, crank reground, crank bearing set, water pump, oil pump, timing belt kit, st3 budget head, Pair Reprofiled Fast Road 270 Cams, New Hydraulic followers, Ported throttle body, Lightened & balanced flywheel, steel head gsaket FSE boost valve, head bolts + oil filter. Block decked & painted & fully assembled	3225.00
160bhp Competition Spec Engine , Rebore block , Wossner Forged pistons, piston rings, Crank reground, comp bearing set, water pump, oil pump, timing belt kit, st3 budget head, Pair Fast Road 285 Cams, New Hydraulic follwers, Ported throttle body, Lightened & balanced flywheel, conrods, pistons,crank. Comp head gasket,uprated conrod bolts, FSE boost valve, head bolts + oil filter. Block decked & painted & fully assembled	3650.00
180bhp Rally Spec Engine , Rebore block , Wossner Forged pistons, piston rings, Crank reground, comp crank bearing set, water pump, oil pump, timing belt kit, st4 budget head, Pair Fast Road 285 cams, New Hydraulic followers, Hiflow 38mm Throttle body kits (Emmerald K6 ECU+TB Loom +Manifold+TPS+Air Temp+Fuel Rail+ injectors + K6 Loom Kit+ Pipecross Panel filter kit + Trumpets + backing plate+throttle cable kit + inlet manifold gasket) Base map on CD. Knife Edged Crank, Lightened & balanced flywheel, crank, Conrods fully balanced fitted with Uprated conrods bolts , Conrod Beams fully polished,pistons, Baffle sump kit, comp head gasket, head bolts + oil filter. Block Decked & Pressure tested fully assembled	6040.00
210bhp Race Spec Engine , Heavy Duty Block Rebore block , 80mm JE Forged pistons, comp piston rings, Crank reground and fully Knifed edged and balanced, comp Main Bearings, Comp Big ends, Crank Main cap stud kit, Lightened & balanced flywheel, crank, Light weight forged rods.water pump, oil pump, baffle sump kit, timing belt kit, Stage 6 Head (31mm Inlet valves, 26.5 Exhaust) valves, comp Valve springs, Solid lifter kit , Full Race Cams, HFH 42mm throttle body kits (Emerald K6 + K6 Loom Kit, TPS, Air Temp, Fuel Rail, Throttle cable, Inlet Manifold, Trumpets + throttle cable) + Pipecross Panel filter kit, Base map on CD. main cap stud kit,Baffle sump kit, sump gasket set,crankshaft windage kit,comp head gasket, head bolts + oil filter, Block Decked & Pressure tested fully assembled	9000.00
+200bhp Supercharged Spec Engine , Rebore block , Wossner Low Comp Forged pistons, Forged Rods fully balanced with uprated conrod bolts, Reground crank, comp bearing set, water pump, oil pump, timing belt kit, st1 recon head, Ported Throttle body, Lightened & balanced flywheel, crank, rods,pistons, clutch cover, comp head gasket, head bolts + oil filter. Supercharger kit: Comprises of support plate + charger belt tension assembly+ alternator bracket +modified Eaton charger + Dump valve+boost gauge + induction adaptor to charger. Block decked &	4450.00

Pressure tested painted. Emerald k6 Ecu, Engine fully assembled.

+280bhp Supercharged Spec Engine , Heavy Duty Rebores block , Wossner Low Comp Forged pistons, Knife edged crank, Forged rods with uprated conrod bolts, Comp Piston Rings, Comp Main bearings, Comp Big End bearings, Crank Main Cap stud kit, water pump, oil pump, timing belt kit, Stage 6 ultra big valve head, Lightened & balanced flywheel, crank, rods, pistons, clutch cover. Supercharger kit: Comprises of support plate + charger belt tension assembly+ alternator bracket + Eaton charger + Dump valve+boost gauge + comp head gasket+ pressure pipework+induction adaptor to charger. Hiflow 38mm Throttle bodies mounted in custom plenum chamber, Emerald K6 ECU + TB Loom + Manifold+TPS+Air Temp+ MAP Sensor + Fuel Rail+ injectors + K6 Loom Kit+ throttle cable kit + inlet manifold gasket Base map on CD + FULL fitting instruction + TECH Back up. Comp head gasket, High tensile head stud kit, Block decked , pressure tested & painted. Fully assembled.

11000.00

+340bhp Supercharged Spec Engine , Heavy Duty Rebores block , Wossner Low Comp Forged pistons, Knife edged crank, Forged rods with uprated conrod bolts, Comp Piston Rings, Comp Main bearings, Comp Big End bearings, Crank Main Cap stud kit, water pump, oil pump, timing belt kit, Stage 6 ultra big valve head, Solid lifer kit, Lightened & balanced flywheel, crank, rods, pistons, clutch cover. Supercharger kit: Comprises of support plate + charger belt tension assembly+ alternator bracket + M62 Eaton charger + Dump valve+boost gauge + comp head gasket+ pressure pipework+induction adaptor to charger. Hiflow 42 mm Throttle bodies mounted in custom plenum chamber with 8 injector setup, Emerald K6 ECU + TB Loom + Manifold+TPS+Air Temp+ MAP Sensor + Fuel Rail+ injectors + K6 Loom Kit+ throttle cable kit + inlet manifold gasket Base map on CD + FULL fitting instruction + TECH Back up. Comp head gasket, High tensile head stud kit, Block decked , pressure tested & painted. Fully assembled, fully mapped with 3 map settings.

14500.00

We can build an engine to any spec and budget, the above is just a small selection of what we can offer

We also have a selection of pre built and low mileage engines. These can be found in the For Sale Section.

In addition, we can offer an 'Engine Dyno Session'
(Bench testing/Engine setup)
All prices exclude VAT @ 20% & Delivery.
Overseas & Trade enquiries welcome

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