

BOTTOM END	
<i>Crankshafts & Bearings</i>	
Crank Regrind	114.00
Comp Main Bearing Std	90.96
Comp Big End Bearings	90.96
Big ends	42.70
Thrust Bearings	16.91
<i>Gasket, Seals & Pumps</i>	
Sump Set Gaskets	49.77
timing belt tensioner kit (includes Hiflow comp belt)	44.94
Fitting of Head to Block + Setting Cam Timing	150.00
Water pump	46.08
Original oil Pump	142.67
High Pressure oil pump	107.46
Budget oil Pump	89.14
<i>Piston, Piston Rings & Engine Blocks</i>	
Piston rings	89.02
88mm Forged Low comp pistons (A Must for Boost upgrades)	575.00
86.5mm Cast low comp Turbo pistons (for long stroke engines only)	430.00
86.5mm low comp pistons	414.00
<i>Rebuild costs</i>	
Block decked	65.00
Block Pressure tested	48.50
Engine assembly, bottom end only	350.00
Rebore	114.00
<i>Secondhand Parts</i>	
Turbo exhaust manifold	225.00
Injectors , each	20.00
Inlet manifold assembly	20.00
CYLINDER HEAD	
<i>Rebuild costs</i>	
Recon Head (stage 1), (skim,stem seals, re lapp valves, assemble, guides, 3 angle valve seats. exchange)	360.00
Budget st 1 head (skim,stem seals, re lapp valves, assemble)	260.00
Fitting of Head to Block + Setting Cam Timing	150.00
Pressure Test Cylinder head	37.50
Setting valve spring installation heights	135.00
Balancing combustion Chambers	70.00
Cylinder head combustion chamber damaged. WE CAN Repair this, from	64.00
Cutting 3 Angle Valve seats , Each	7.00
<i>Gaskets & Fixings</i>	
Head Bolts	23.45
Head Gasket Set	67.17
Head gasket, Fibre	15.98
86mm steel head gasket	67.66
Balancing combustion Chambers	64.80
Cam seal	7.29
Stem Seals	8.76
Exhaust manifold gasket	31.69
Head filter	8.05
Rocker cover gasket	10.09
<i>Cylinder heads & Valve gear</i>	

Inlet valves (standard size 42.6mm) , each	11.05
Exhaust valves (standard size 34.5mm), each	12.25
Bronze Inlet & exhaust guides , each	11.67
Cam Followers, set of 8	65.00
Inlet manifold gasket	4.92
Std Valve Springs	67.32
Pressure Test Cylinder head	48.60
Setting valve spring installation heights	129.00
Reshimming camshaft	108.00
COMPETITION BOTTOM END	
<i>Lightened & Balanced components</i>	
Oil pressure gauge coupling (allows 205 Gti sender to fit cast block)	14.58
Mi16 Flywheel, Non exchange	102.56
Lightened Flywheel	88.00
Balanced Flywheel	36.00
Balanced Crank	36.00
Balanced clutch cover	36.00
Balanced Pistons,engine set	36.00
Balanced Rods, engine set	36.00
<i>Crankshafts</i>	
Knifed edged ,balanced crank, exchange	270.00
Crankshaft oil deflector plate + fixings	81.00
Long stroke crank , Knife edged & fully balanced, Gives 2200cc	432.00
Turbo Crank, Knife edged & fully balanced, Non exchange	575.00
Heavy Duty Turbo long stroke crank, fully reground , Non exchange	435.00
Heavy Duty Turbo crank, Knife Edged , balanced, fully reground , Non exchange	648.00
2100cc /2200cc Long stroke crank , Knife edged & fully balanced.	575.00
2300cc Ultra Long stroke crank , Knife edged & fully balanced.	600.00
<i>Conrods</i>	
ARP Conrod Bolts	89.23
2200cc Conrods fully balanced fitted with Uprated conrods bolts , Conrod Beams fully polished.	430.00
2000CC/2100CC/2200CC Forged Conrod kit, fully balanced & with ARP conrod bolts to suit turbo & supercharger application	525.00
2300CC Forged Conrod kit, fully balanced & with ARP conrod bolts to suit BOTH turbo & non turbo applications	840.00
<i>ENGINE BLOCKS</i>	
2100cc Engine block, 86.5mm block	350.00
2200cc engine bloc, 88mm block	400.00
2300cc Engine block+front damper pulley	535.00
<i>STROKER KITS</i>	
<i>2100cc Stroker kit (86.5mm Block +H/D long stroke Crank + forged pistons)</i>	1340.00
<i>2200cc Stroker kit (88mm Block + H/D long stroke Crank + forged pistons+ forged conrods)</i>	1935.00
<i>2300cc Stroker kit (Block +Crank + forged pistons+Forged rods+front damper)</i>	2685.00
2000cc/2100cc/2200cc upper engine mount kit (205/306 conversions)	123.56
2300cc Front damper pulley + upper engine mount kit	195.00
<i>Clutch Kits</i>	
Helix 'Fast Road 'Clutch kits	326.00
Helix 'Paddle 'Clutch kits, ideal for turbo & surcharged engines	398.00
Valeo clutch kit	134.00
<i>Oil system parts</i>	
Mocal oil cooler kit. (Sandwich plate, Hoses, Mocal Unit)	189.00
Dash Mounted Oil pressure gauge, White or Black Dial avail	58.45

Calipary gauge for coolant fan , manual temp adjust 85oc -120oc	72.36
Main Bearing Cap stud kit. A must for big BHP engines.	172.56
Competition Pistons & Piston Rings sets	
<i>Pistons</i>	
Forged Pistons, OEM Pattern, 86mm & 86.5mm	550.00
86.5mm Cast Low comp pistons , when using longer stroke	415.00
86.5mm Cast pistons, std profile	367.00
88mm Low comp Forged Pistons, gives 2200cc & 2300cc	575.00
<i>Piston Rings</i>	
Comp Piston ring set , 86 / 86.5 / 88mm. Gives Zero Cylinder leakage.	199.00
Comp Piston ring set + setting	280.00
COMPETITION CYLINDER HEAD COMPONENTS	
<i>Head Gaskets</i>	
2000cc conversion , 86mm Competition Head Gasket, Avail 1.2/1.4/1.6mm thickness. Std is 1.4mm	117.94
2000cc conversion , 86mm Competition Head Gasket, 1.8mm Thick. Std is 1.4mm	145.00
2100cc conversion , 87mm Competition Head Gasket, Avail 1.2/1.4/1.6mm thickness. Std is 1.4mm	117.94
2100cc conversion , 87mm Competition Head Gasket, 1.8mm thickness. Std is 1.4mm	145.00
2200cc/2300cc conversion 88mm Competition Head Gasket, Avail 1.2/1.4/1.6mm thickness. Std is 1.4mm	117.94
2200cc /2300cc conversion ,88mm Competition Head Gasket, 1.8mm thickness. Std is 1.4mm	145.00
<i>Cam Gears</i>	
Alloys vernier pulleys	110.00
steel vernier pulleys	85.00
<i>Followers & Valve Tappet & Valve guides</i>	
Competition Valve Springs kit (for use in 300 /320 duration cams)	165.00
Tappet shims for solid lifer kit , 2,3,4,5mm Available. Each	7.45
Head stud kit, ideal for Supercharged & Turbo applications	192.00
Std Bronze guides, each	9.33
Performance Camshafts	
Turbo \ Supercharged reprofiled cams, exchange	145.00
Fast Road Turbo cams, blank	190.00
Competition Valves	
1mm Oversize Superflow Forged One Piece valve. each	47.00
1mm Oversize Superflow Forged One Piece valve. each	47.00
Polished & Ported heads	
<i>Performance Heads for Fast Road Work</i>	
Budget st3 Head (Standard valves) , Exchange	395.00
Recon St 3 Head (Standard valves) , New bronze guides , Exchange	580.00
<i>Performance Heads for Competition Applications</i>	
Budget St4 Head (larger Inlet valves), Exchange	607.00
Recon St 4 Head (Standard valves) , New bronze guides , Exchange	770.00
<i>Performance Heads for race & forced induction applications</i>	
Budget st5 Head (Larger inlet & exh valves), exchange	819.00
Recon St 5 Head (Standard valves) , New bronze guides , Exchange	958.00
Induction/ Throttle bodies and management	
<i>ECU's & Pre made Looms</i>	
Pre made Loom kit for Emmerald K6, WIRED TO YOUR CAR. FULLY labeled with comprehensive Fitting instruction.	350.00
Closed looped Air to Fuel ratio meter, enables K6 to fully map itself. With in car gauge	185.00

Emerald ECU, K6	595.00
THROTTLE BODIES	
HFH 'maxi Torque' inlet manifold with 63mm throttle body	350.00
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	2600.00
Ported Throttle Body	65.00
ELECTRICAL SENSORS & INJECTORS	
Remapping ECU	300.00
High flow injectors	265.00
3 bar Map sensor	90.00
FSE boost Valve	96.00
TURBO / SUPERCHARGED COMPONENTS	
Turbo + Turbo Parts	
Tubular Turbo Exhaust Manifold ,stainless	995.00
T28 Turbo , fully recon'd , exchange	675.00
Turbo oil feed & drain pipework	75.00
Dump Valve	95.00
Boost Gauge	38.50
Oil Pressure gauge	56.00
Short Engine Kits (botton end only)	
2024cc Engine kit 86.5mm Oversize Pistons,Rebored block,water pump, oil pump, timing belt kit,reground crank,Main bearings,big end bearings, sump gasket set, block decked & pressure tested, engine comes fully assembled and painted	1296.00
2092cc Short Engine kit 88mm Oversize Forged Pistons,Rebored block,water pump, oil pump, timing belt kit,reground crank,Main bearings,big end bearings, sump gasket set, 88mm competition head gasket, block decked and pressure tested, engine comes fully assembled and painted	1512.00
2200cc Short Engine kit 88mm Oversize Forged Pistons,Rebored block,water pump, oil pump, timing belt kit,long stroke balanced crank,T16 Main Bearings , T16 Big End bearings,sump set, 88mm competition head gasket, block decked,and head pressure tested, engine comes fully assembled and painted.	1936.00
COMPETITION ENGINES (Complete engine)	
2024cc Engine kit 86.5mm Oversize Pistons,Rebored block,water pump, oil pump, timing belt kit,reground crank,Main bearings,big end bearings, sump gasket set, st1 head , HFH vernier, head bolts, Steel Head gasket, block decked, block and head pressure tested, engine comes fully assembled and painted	1674.00
2092cc Engine: 88mm Oversize Forged Pistons, T16 bearings, oil pump,reground crank,water pump,timing belt kit,budget st1 head, HFH vernier pulley,headbolts,competition 88mm head gasket, Ported exhaust manifold, block decked, block and head pressure tested, engine comes fully assembled and painted	2100.00
2200cc Engine: 88mm Oversize Forged Pistons, T16 bearings, oil pump, long stroke knife edged crank, ARP conrod bolts.water pump,timing belt kit,budget st1 head, HFH vernier pulley,headbolts, 88mm Competition head gasket,Ported Exhaust manifold, block decked, block and head pressure tested, engine comes fully assembled and painted.	2480.00

<p>2200cc Engine: 88mm Oversize Forged Pistons, Long stroke knife edged crank, T16 bearings, oil pump, reground crank, lightened & balanced pistons / rods/ crank /flywheel/clutch cover/ ARP conrod bolts, water pump, timing belt kit, budget st3 head, Cam reshimmed, head filter, Fast Road Turbo Cam, HFH vernier pulley, 88mm competition head gasket, Ported Exhaust manifold, headbolts, block decked, block and head pressure tested, engine comes fully assembled and painted.</p>	<p>2970.00</p>
<p>+280bhp 2200cc Engine: 88mm oversize Forged Pistons, T16 bearings, oil pump, reground crank, water pump, timing belt kit, budget st3 head, Reshim cam, head filter, Fast Road Turbo cam, Hiflow vernier pulley, 88mm competition head gasket, L/B pistons/rods/crank.flywheel, clutch cover, ARP conrod bolts, headbolts, HFH Inlet manifold , 68mm Throttle body kit, Ported exhaust manifold, Emerald ECU, block decked, block and head pressure tested, engine comes fully assembled and painted,</p>	<p>4050.00</p>
<p>+340bhp 2300cc Engine: Uprated block, 88mm Forged Pistons, Forged conrods, Long stroke crank, T16 bearings, High Pressure oil pump, reground crank, water pump, timing belt kit, budget st5 Big valve Maxi head, Cam Reshimmed, Head filter, Fast Road Turbo Cam, Hiflow vernier, 88mm competition head gasket, Lightend and balanced pistons, rods, crank. flywheel, ARP conrod bolts, Head bolts, Ported Exhaust manifold, 38mm HFH Throttle body Kit with custom built plenum chamber , Recon'd T28 Hybrid Turbo, Emerald K6 ECU, block decked, block and head pressure tested, high flow injectors, engine comes fully assembled and painted,</p>	<p>7990.00</p>

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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