

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
Piston rings	68.28
Water Pump, Cast Iron Engines	44.33
Water Pump, Alloy Engines	65.00
Liners, 1360cc Engines	152.00
Rebore	114.00
Hone Block	65.00
Oil Pump	94.37
PISTON/PISTON RINGS/LINERS	
Deck Block	70.00
Pressure test Engine block	48.20
Standard cranks, fully reground & balanced. Non exchange	350.00
NEW Product ! Engine blocks, Freshly rebored to 78.5mm & fully honed , Pressure tested , include piston oil injectors , Decked. Non Exchange	430.00
Engine assembly	325.00
JE, Forged Pistons for 1292cc Rallye Engines	625.00
JE 78.8mm Forged Pistons, std profile (1599cc)	575.00
GASKET & FIXINGS	
timing belt tensioner kit (includes Hiflow comp belt)	65.00
Fitting of Head to Block + Setting Cam Timing	135.00
Head Bolts	21.45
Comp cam Belt	14.52
Head Set (Head geasket, stem seals, cam seals, exhaust manifold gasket, inlet manifold o rings)	66.36
Head Gasket, Fibre . 1360cc/ 1600cc Engines	16.45
Head gasket, Steel 1.4/1.6mm Thick.	66.36
NEW Product ! Head gasket, High Comp 0.7mm Thick steel gasket	46.80
Cam seal	8.14
Engine assembly sealant	22.68
Stem seals, Set of 8	7.32
Exhaust manifold gasket, set	12.96
CYLINDER HEADS & HEAD COMPONENTS	
Recon Head (stage 1), Pessure test, skim , de-coke, skim,stem seals, assemble	243.00
Valve guides, each	8.04
Standard Valve springs set (8 of)	45.78
Balancing combustion Chambers	70.00
Inlet valves (standard size 39.4mm) , each	10.08
Spark Plugs - Bosch Super 4s, per plugs	7.02
Exhaust valves (standard size 31.3mm), each	10.80
NEW Product ! Cylinder head combustion chamber damaged. WE CAN Repair this, from	64.80
3 Angle Valve seats , Each	7.02
NEW Product ! Saxo VTR Head Complete with valves and springs. New stem & cam seals. Lightly skimmed & pressure tested. Fully assembled. Sold on an Non Exchange basis. Ideal for big valve conversion on Quicksilver/ Furio Cars	432.00

NEW Product ! 1360cc 16v Head , Gasflow to St3 spec complete with valves, springs, standard cams, fully assembled with new stem & cam seals. Head skimmed & pressure tested. Sold on a NON exchange basis	918.00
COMPETITION CYLINDER HEAD COMPONENTS	
Competition Valve Springs (Black Cover)	46.00
Competition Valve Springs (Silver Cover)	46.00
Competition Valve springs caps, A MUST for all Silver Top Engines	55.00
Hiflow comp valve spring Kits + setting	240.00
Head stud kit, ideal for Supercharged & Turbo applications	210.00
Blanking Injector Ports on Injection heads	65.00
Hiflow, superflow guides. Have less guide protrusion into the port , thus improve the flow characteristics of the inlet & exhaust ports. (set of 8)	81.00
PERFORMANCE CAMS + CAM GEARS	
Kent Cam , various specs for black top Engines	230.00
Kent cam , various specs for Silver top Engines	230.00
Kent Turbo & Supercharger Profile, reprofiled cam	124.00
Cat Cam , various specs for black top Engines	220.00
Cat cam , various specs for Silver top Engines	220.00
Alloy Vernier Pulley	110.00
Hiflow Competition Cam Belt	14.58
COMPETITION CYLINDER HEAD GASKETS	
NEW Product ! Competition KEVLAR FIBRE Head Gasket , 1292cc, 1360cc & 1600cc Engines. Avail 1.2/1.4/1.6mm thickness. Std is 1.4mm	117.94
NEW Product ! Competition Steel Head Gasket 1600cc. Thickness 1.2mm	96.00
COMPETITION FORGED VALVES	
Oversize Superflow Forged One Piece 40mm inlet valves , to suit Rallye , Xsi & VTR engines. A must for Turbo & supercharged applications , each	47.00
Oversize Superflow Forged One Piece 32.5mm Exhaust valves , to suit Rallye , Xsi & VTR engines. A must for Turbo & supercharged applications , each	47.00
FAST ROAD PORTED HEADS	
Recon St 3 Head (Standard valves) , NEW guides Fitted + 3 Angle valve seats. Exchange	585.00
Budget st3 Head (Standard valves) , Exchange	399.00
COMPETITION SPEC PORTED HEADS	
Recon St4 Head (1.2mm Larger ex valves), NEW Guides fitted + 3 Angle valve seats . Exchange	733.00
Budget St4 Head (1.2mm larger ex valves), Exchange	611.00
Recon St5 Head (0.6mm Larger inlet valves & 1.2mm Larger exhaust valves), NEW guides fitted + 3 angle valve seats. exchange	961.00
Budget st5 Head (0.6mm Larger inlet valves & 1.2mm larger exhaust valves), exchange	823.00
RACE SPEC PORTED HEADS	
NEW Product ! Stage 6 Heads for 1360cc Engines. Oversize superflow forged 40mm Inlet valves & 32.5mm Exhaust valves, comp valve springs, head skimmed, pressure tested and fully assembled with new cam seal & stem seals). Injector ports blocked off so the head can be run with throttle bodies or Multiple carbs. Ideal replacement for the 1292cc Rallye's or as an upgrade on the Furio & Quicksilvers.	1225.00
New product ! 1360cc 16v head fully gasflowed to st3 spec , Pair 285 duration cams , HFH vernier pulleys, New Hydraulic followers, new valve springs, competition head gasket, Rocker covers, Fully assembled with Timing belt cover	1600.00
New Product 1360cc 16v head fully gasflowed to St3 spec, comp valve spring kit, Pair Full race cams , solid lifter kit, vernier pulleys, competition head gasket, Head re-shimmed and assembled with Rocker covers + Timing Belt cover	2050.00

New Product 1360cc 16v head fully gasflowed, Stage 5 Ultra Big Vavle head , high comp valve spring kit, Pair Full race cams , solid lifter kit, vernier pulleys, competiton head gasket, Head re-shimmed and assembled with cam cover	2750.00
COMPETITION BOTTOM END COMPONENTS	
Rebush conrods to suit 78.8mm Forged Pistons .	180.00
NEW Product ! Heavy Duty Liners to suit 1360cc 16v Alloy Engines.	162.00
NEW Product ! Knife Edged & fully balanced crank to suit 1360cc 16v Engines.	432.00
NEW Product ! Mocal oil cooler kit. (Sandwich plate, Hoses, Mocal Unit)	156.00
NEW Product ! Dash Mounted Oil pressure gauge, White or Black Dial avail	54.00
NEW Product ! Calipary gauge for coolant fan , manual temp adjust 85oc -120oc	67.00
NEW Product ! Heavy Duty Block , ideal for BIG Bore Conversions. Cast Block	250.00
NEW Product ! Crankshaft Main Bearing Cap stud kit. A must for big BHP engines.	160.00
NEW Product ! Uprated engine mount kit comprising of upper & lower engine mount and gear box mount.	142.00
LIGHTENING & BALANCED COMPONENTS	
Ultra light Flywheel, 30% Lighter than standard Units, MASSIVE improvement in acceleration	88.00
Balanced Flywheel	34.00
Balanced Crank	34.00
Balanced Clutch Cover	34.00
Balanced Pistons,engine set	34.00
Balanced Rods, engine set	34.00
Knifed edged ,balanced crank, exchange	300.00
Forged Conrod Rods , lightened & balanced with uprated conrod bolts fitted.	780.00
Heavy Duty Conrod Bolts	85.00
NEW Product ! Conrods fully balanced fitted with Uprated conrods bolts , Conrod Beams fully polished. A MUST FOR HIGH REVING N/A ENGINES	280.00
FORGED PISTONS & COMPETITION PISTON RINGS	
NEW Product ! 75mm Forged Low comp pistons (suit turbo/SC conversions)	575.00
78.8mm JE Forged Pistons, std profile	550.00
78.5mm /78.8mm high comp cast pistons	396.00
NEW Product ! 80mm JE Forged Pistons	550.00
NEW Product ! 75mm JE Forged Pistons to suit 1292cc & 1360cc Alloy Engines.	580.00
NEW Product ! 1360cc 16v JE Forged High Pistons.	595.00
1360CC-1400CC RACE ENGINE COMPONENTS	
NEW Product ! 1360cc 16v JE Forged High Pistons.	575.00
NEW Product ! 1360cc 16v Alloy blocks + oil pressure gauge. Blocked painted.	450.00
NEW Product ! HFH vernier pulleys + timing belt gears + timing belt kit & timing belt cover to suit 1360cc 16v engines	350.00
NEW Product ! 1360cc 16v Ultra light Flywheel to suit larger clutch plate Diameter.	167.00
NEW Product ! 13600cc 16v Conrods fully balanced fitted with Uprated conrods bolts , Conrod Beams fully polished.	480.00
NEW Product ! Forged Conrod Rods , lightened & balanced with uprated conrod bolts fitted to suit 1360cc 16v engines	599.00
NEW Product ! Fitting 1360cc 16v engine, Uprated engine mount kit, Wiring engine into your existing car. Supply & fit HFH Throttle body kit + Emerald M3D ECU. Supply fit & wrap 4-2-1 branch manifold + fluids Drive in , Drive Out.	2850.00
NEW Product ! Electric water pump kit + control unit	295.00
NEW Product ! Heavy Duty Liners to suit 1360cc 16v Alloy Engines.	150.00
NEW Product ! Heavy Duty Liners to suit 1396cc 16v Alloy Engines.	400.00
CLUTCH ASSEMBLIES	
Helix 'Fast Road 'Clutch kits	325.00
Helix 'Paddle 'Clutch kits, ideal for turbo & surcharged engines	398.00
Valeo clutch kit	115.54

INDUCTION / THROTTLE BODIES AND MANAGEMENT SYSTEMS	
NEW Product ! Pre made Loom kit for Emmerald K3, FULLY labeled with comprehensive Fitting instruction	350.00
NEW Product ! Emmerald ECU, K3 , Ideal for Turbo /Supercharger conversions	585.00
NEW Product ! TWN 40mm throttle body kits + Emerald M3D + TB loom , TPS, Air Temp, Fuel Rail, Throttle cable, Inlet Manifold, Trumpets + throttle cable kit	1900.00
NEW Product: Hiflow 38mm Throttle body kits (Emmerald K3 ECU+TB Loom +Manifold+TPS+Air Temp+Fuel Rail+ injectors + K3 Loom Kit+ Pipecross Panel filter kit + Trumpets + backing plate+throttle cable kit + inlet manifold gasket) Base map on CD + FULL fitting instruction + TECH BACK UP . EVERYTHING YOU NEED , NO HIDDEN EXTRA'S	1800.00
Budget Hiflow 38mm Throttle body kits (Emmerald K3 ECU + TB's + Manifold + Fuel Rail + TPS + injectors +TB loom) Base map on CD	1350.00
NEW Product ! Hiflow 38mm Throttle bodies mounted in alloy plenum chamber (Emmerald ECU 3K + TB Loom + Manifold+TPS+Air Temp+ MAP Sensor + Fuel Rail+ injectors + K3 Loom Kit+ throttle cable kit + inlet manifold gasket) Base map on CD + FULL fitting instruction + TECH Back up	2500.00
SHORT ENGINE KITS	
Budget': Short engine , Honed block , piston rings, Crank reground, Crankshaft bearing set, water pump, oil pump, timing belt kit + oil filter. Fully assembled. Block decked & painted. (limited stock of low mileage engines)	1161.00
1360cc & 1600cc Fast Road Spec: Short engine , Rebored block , Forged Pistons , Lighened & balanced flywheel, piston rings, Crank reground, Crankshaft bearing set, water pump, oil pump, timing belt kit + oil filter. Fully assembled. Block decked & painted.	1539.00
1360cc & 1600cc Competition Spec: Short engine, Rebored block, Forged pistons , Crank reground, fully lightened & balanced crank/ flywheel/ conrods/pistons/ rods. Uprated conrod bolts, Crankshaft bearing set, water pump, oil pump, timing belt kit + oil filter.Fully assembled. Block decked & painted.	1895.00
1360cc & 1600cc Turbo / Supercharged short engine, rebored block , forged pistons, Forged Rods fully balanced with uprated conrod bolts, Main bearing cap stud kit,crank reground & knife edged , lightened & balanced crank/ flywheel /conrods/ pistons/ rods. Uprated conrod bolts, Crankshaft bearing set, water pump, oil pump, timing belt kit + oil filter. Fully assembled. Block decked & painted.	2478.00
COMPETITION ENGINES	
1600cc Budget 90bhp Engine: Honed block , piston rings, Crank reground, Crankshaft bearing set, water pump, oil pump, timing belt kit, st1 budget head, steel head gasket, head bolts + oil filter. Block decked & painted & fully assembled. Limited stock of low mileage items.	1377.00
1360cc & 1600cc 135bhp Engine: Rebore block , Forged pistons, piston rings, Crank reground, Comp Crankshaft bearing set, water pump, oil pump, timing belt kit, st3 budget head, Fast Road 285 Cam, Ported throttle body, 4-2-1 branch manifold,Ported Inlet Manifold, HFH vernier , Lightened & balanced flywheel, Competition head gasket, FSE boost valve, head bolts + oil filter. Block decked & painted & fully assembled	3234.00

1360cc & 1600cc 160bhp Engine: Rebore block , Forged pistons, piston rings, Crank reground, Comp Crankshaft bearing set, water pump, oil pump, timing belt kit, st4 budget head, Fast Road 285 cams, HFH 38mm throttle body Kit, Lightened & balanced flywheel, crank, rods,pistons, clutch cover,uprated conrod bolts, comp head gasket, head bolts + oil filter. Block decked & painted & fully assembled. Come with Emerald M3D ecu.	5238.00
1360cc & 1600cc +200bhp Supercharged Engine , Rebore block , Low Comp Forged pistons, Forged Rods fully balanced with uprated conrod bolts, Reground crank, Comp Crankshaft bearing set, Crankshaft main cap stud kit ,water pump, oil pump, timing belt kit, Vernier Pulley, st1 recon head, Lightened & balanced flywheel, crank, rods,pistons, clutch cover, comp head gasket, head bolts, Emerald K3 Ecu, Fully assembled loom + oil filter. Block decked & painted. Come with charger kit , Boost gauge, Baffle sump kit fully assembled.	6318.00

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 20% VAT & Delivery.
Overseas & Trade enquiries welcome

(updated May 2012)