



2.0 Turbo/405 Sri

BOTTOM END

Crankshafts & Bearings

Crank Regrind	106.00
Comp Main Bearing Std	72.24
Comp Big End Bearings	72.34
Big ends	31.24
Thrust Bearings	13.22

Gasket, Seals & Pumps

Sump Set Gaskets	46.09
timing belt tensioner kit (includes Hiflow comp belt)	41.62
Fitting of Head to Block + Setting Cam Timing	100.00
Water pump	42.67
Original oil Pump	115.00
High Pressure oil pump	99.50
Budget oil Pump	82.54

Piston, Piston Rings & Engine Blocks

Piston rings	72.56
88mm Forged Low comp pistons (A Must for Boost upgrades)	550.00
86.5mm Cast low comp Turbo pistons (for long stroke engines only)	385.00
86.5mm low comp pistons	340.00

Rebuild costs

Block decked	65.00
Block Pressure tested	45.00
Engine assembly	250.00
Rebore	106.00

Secondhand Parts

CYLINDER HEAD

Rebuild costs

Recon Head (stage 1), (skim,stem seals, re lapp valves, assemble, guides, 3 angle valve seats. exchange)	340.00
Budget st 1 head (skim,stem seals, re lapp valves, assemble)	200.00
Fitting of Head to Block + Setting Cam Timing	125.00
Pressure Test Cylinder head	35.00
Setting valve spring installation heights	100.00
Balancing combustion Chambers	65.00
Cylinder head combustion chamber damaged. WE CAN Repair this, from	60.00
Cutting 3 Angle Valve seats , Each	6.50

Gaskets & Fixings

Head Bolts	21.71
Head Gasket Set	62.19
Head gasket, Fibre	14.80
86mm steel head gasket	42.45
Balancing combustion Chambers	60.00
Cam seal	6.75
Stem Seals	8.12
Exhaust manifold gasket	29.34
Head filter	6.15
Rocker cover gasket	9.35

Cylinder heads & Valve gear

Inlet valves (standard size 42.6mm) , each	9.34
Exhaust valves (standard size 34.5mm), each	11.35
Cam Followers, set of 8	65.00

Inlet manifold gasket	4.56
Std Valve Springs	43.56
Pressure Test Cylinder head	45.00
Setting valve spring installation heights	120.00
Reshimming camshaft	100.00

COMPETITION BOTTOM END

Lightened & Balanced components

Oil pressure gauge coupling (allows 205 Gti sender to fit cast block)	13.50
Mi16 Flywheel, Non exchange	95.00
Lightened Flywheel	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
Alloy Flywheel	299.00

Crankshafts

Knifed edged ,balanced crank, exchange	250.00
Crankshaft oil deflector plate + fixings	75.00
Long stroke crank , Knife edged & fully balanced, Gives 2200cc	400.00
Turbo Crank, Knife edged & fully balanced, Non exchange	575.00
Heavy Duty Turbo long stoke crank, fully reground , Non exchange	400.00
Heavy Duty Turbo crank, Knife Edged , balanced, fully reground , Non exchange	600.00
2100cc /2200cc Long stroke crank , Knife edged & fully balanced.	575.00
2300cc Ultra Long stroke crank , Knife edged & fully balanced.	600.00

Conrods

ARP Conrod Bolts	82.50
Conrods fully balanced fitted with Uprated conrods bolts , Conrod Beams fully polished. A MUST FOR HIGH REVING N/A ENGINES. Exchange	280.00

2200cc Conrods fully balanced fitted with Uprated conrods bolts , Conrod Beams fully polished. A MUST FOR HIGH REVING N/A ENGINES.	400.00
2000CC/2100CC/2200CC Forged Conrod kit, fully balanced & with ARP conrod bolts to suit turbo & supercharger application	780.00
2000CC/2100CC/2200CC Forged Conrod kit, fully balanced & with ARP conrod bolts to suit NON turbo & supercharger applications	525.00
2300CC Forged Conrod kit, fully balanced & with ARP conrod bolts to suit BOTH turbo & non turbo applications	780.00
ARP Conrod Bolts	82.50

ENGINE BLOCKS

2300cc Engine block+front damper pulley + engine mount kit	495.00
2300cc Forged conrod set, fully balanced with ARP bolts	780.00
2300cc Forged Piston set	475.00

STROKER KITS

<i>2000cc Stroker kit (Block +Crank + forged pistons+upper engine mount kit)</i>	1190.00
<i>2100cc Stroker kit (Block +Crank + forged pistons+upper engine mount kit)</i>	1320.00
<i>2200cc Stroker kit (Block +Crank + forged pistons+ Uprated rods+upper engine mount kit)</i>	1725.00
<i>2300cc Stroker kit (Block +Crank + forged pistons+Forged rods+front damper +upper engine mount kit)</i>	2375.00
2000cc/2100cc/2200cc upper engine mount kit	90.00
2300cc Front damper pulley + upper engine mount kit	195.00

Clutch Kits

Helix 'Fast Road 'Clutch kits	285.00
Helix 'Paddle 'Clutch kits, ideal for turbo & surcharged engines	354.00
Valeo clutch kit	105.67

Oil system parts

Mocal oil cooler kit. (Sandwich plate, Hoses, Mocal Unit)	156.00
Dash Mounted Oil pressure gauge, White or Black Dial avail	54.00
Calipary gauge for coolant fan , manual temp adjust 85oc -120oc	67.00
Main Bearing Cap stud kit. A must for big BHP engines.	160.00

Competition Pistons & Piston Rings sets

Pistons

Forged Pistons, OEM Pattern, 86mm & 86.5mm	550.00
86.5mm Cast Low comp pistons , when using longer stroke	385.00
86.5mm Cast pistons, std profile	340.00
88mm Low comp JE Pistons, gives 2200cc & 2300cc	575.00

Piston Rings

Comp Piston ring set , 86 / 86.5 / 88mm. Gives Zero Cylinder leakage.	185.00
Comp Piston ring set + setting	235.00

COMPETITION CYLINDER HEAD COMPONENTS

Head Gaskets

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

Cam Gears

Alloys vernier pulleys	110.00
Std steel vernier pulleys	80.00

Followers & Valve Tappet & Valve guides

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	6.25
Head stud kit, ideal for Supercharged & Turbo applications	192.00
Std Bronze guides, each	8.00

Performance Camshafts

Turbo \ Supercharged reprofiled cams, exchange	145.00
Fast Road Turbo cams, blank	185.00

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

Performance Heads for Fast Road Work

Budget st3 Head (Standard valves) , Exchange	395.00
Recon St 3 Head (Standard valves) ,Exchange	500.00

Performance Heads for Competition Applications

Budget St4 Head (larger larger valves), Exchange	550.00
Recon St4 Head (Larger inlet valves), Exchange	660.00

Performance Heads for race & forced induction applications

Budget st5 Head (Larger inlet & exh valves), exchange	750.00
Recon St5 Head (Larger inlet & exhaust valves), exchange	810.00

Induction/ Throttle bodies and management

ECU's & Pre made Looms

Pre made Loom kit for Emerald K3, WIRED TO YOUR CAR. FULLY labeled with comprehensive Fitting instruction, wired for Closed looped Lambda & coolant fan control	350.00
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Closed looped Air to Fuel ratio meter, enables K3 to fully map itself. With in car gauge	175.00
Emerald ECU, K3 , Ideal for Turbo /Supercharger conversions	585.00
THROTTLE BODIES	
HFH 'maxi Torque' inlet manifold with 63mm throttle body	325.00
Hiflow 38mm Throttle bodies mounted in custom plenum chamber (Emerald 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	2600.00
Ported Throttle Body	60.00
ELECTRICAL SENSORS & INJECTORS	
Remapping ECU	250.00
High flow injectors	240.00
Emerald M3D	550.00
Emerald K3	580.00
3 bar Map sensor	85.00
Pre made loom for stand alone ECU	250.00
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	78.00
Boost Gauge	38.50
Oil Pressure gauge	56.00

Short Engine Kits

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 1100.00

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 1300.00

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. 1650.00

COMPETITION ENGINES

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 1450.00

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 1825.00

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. 2150.00

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. 2600.00

+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, 3450.00

+340bhp 2300cc Engine: Upgraded 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, Lightened 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 3K ECU, block decked, block and head pressure tested, high flow injectors, engine comes fully assembled and painted, 7150.00

COMPETITION HEAD KITS

180 bhp head kit: St3 budget head, Reshim cam, HFH Vernier Pulley, 86mm Comp head gasket, comp Belt, Head bolts, FSE boost valve, Ported throttle body, Ported Exhaust manifold, head filter 875.00

210 bhp head kit: St3 budget head, Fast Road Turbo Cam, HFH vernier, 86mm Comp head gasket, HFH Maxi inlet manifold and 68mm throttle body, comp Belt, Head bolts, FSE boost valve, head filter 1290.00

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 & Delivery.
Overseas & Trade enquiries welcome