



205 Gti 1.6-1.9/205 Turbo Technics

Bottom End

CRANKSHAFTS & BEARINGS

Crank Regrind	106.00
1.9 Gti Main Bearing Std	54.34
Comp Main bearings, 2000/2100/2200/2300cc conversion only	79.56
Big end Bearings	42.45
Comp T16 Big End Bearings, std /0.3/0.5/0.8mm	79.56
Thurst Bearings	15.66
1.6 Gti Big Ends	52.34
1.9 cranks, fully reground, non exchange	275.00
1.6 cranks, fully reground , non exchange	250.00

GASKETS, SEALS AND PUMPS

Sump Set Gaskets	46.09
Front crank seal	10.52
Rear Crank Seal	9.56
Sump gasket	8.02
timing belt tensioner kit (includes Hiflow comp belt)	61.67
timing belt tensioner kit (1.6 /1.8 16v conversions)	109.56
High pressure oil pump	110.00
Rebore block , 2100,2200,2300cc conversion only	140.00
Pressure test block	65.00
Water pump	47.71
oil Pump	85.00
New product Block helicoil kit (2 helicoils + drill bits + tap)	70.00

PISTON/ PISTONS RINGS/ LINERS

Piston rings	81.23
Liner seal set	8.25
83mm liners	199.00
83mm KS/Malhe Piston & liner kits	403.56
83mm Heavy Duty Liners, Ideal for TT conversions & high powered Na engines	276.00

REBUILD COSTS

Fitting of Head to Block + Setting Cam Timing	150.00
Assembling Engine	350.00

Cylinder Head

GASKETS AND FITTINGS

Head Bolts	19.87
Head Gasket	15.21

Rocker cover gasket	9.23
Inlet manifold gasket	3.45
Head set, consists of head gasket, cam seal,stem seal, inlet & exhaust manifold gaskets, rocker cover gasket, head filter	68.45
Steel head gasket, 2000cc/2100cc engines	61.56
Stem seal set	9.45
Cam seal	6.34
Exhaust manifold gasket, each (4 to an engine)	3.23
Head filter	7.42
1.6/1.9 Gti Cam belt	13.56
<i>CYLINDER HEADS + VALVE GEAR</i>	
Budget Head (stage 1) Pressure test,skim,de-coke,stem & cam seals, assemble. Exchange	250.00
Recon Head (stage 1), NEW valve guides, 3 angle valve seats,pressure test,skim,de-coke,stem & cam seals, assemble. Exchange	295.00
Turbo Technics Recon Head (stage 1), NEW valve guides, 3 angle valve seats,pressure test,skim, balance combustion chamber volumes,de-coke,stem & cam seals, assemble. Non Exchange	475.00
Inlet valves (standard size 41.6mm) , each	10.34
Exhaust valves (standard size 34.5mm), each	11.34
Pressure test head	45.00
Balancing combustion Chambers	60.00
Cutting 3 angle valve seats, per valve seat	7.00
Cam Followers, each	9.32
Cam shims, Sizes available from 2.00mm - 4.00mm,each	5.00
Cam shims, Sizes available from 4.00mm - 6.00mm,each	8.00
Reshim camshaft	100.00
Std Valve Springs Set	56.34
Setting valve spring installation heights	120.00
Fitting of Head to Block + Setting Cam Timing	150.00
COMPETITION BOTTOM END COMPONENTS	
<i>LIGHTENED & BALANCED COMPONENTS</i>	
Lightened Flywheel	88.00
Balanced Flywheel	34.00
Balanced Crank	34.00
Balanced clutch	34.00
Balanced Pistons,engine set	34.00
Balanced Rods, engine set	34.00
New Product Lightened & balanced & re surfaced flywheel, to suit H/d 215mm Mi16 friction plate.	220.00
New Product Alloy flywheel 1.6, 1.9 and Mi16 engines with standard larger Mi16 clutch cover and plate.	305.00
New Product 1.6 /1.8 16v Fuly polished , lighten & balanced rods with ARP conrods bolts , ideal for high reving 1.6 16v conversions	350.00
New Product Knife edged & balanced 1600cc/1800cc crank , ideal for high reving 1.6 /1.8 16v conversions	300.00
New product 1600 / 1900 alloy baffled sumps, non exchange	150.00

New Product 1600cc/1800cc 16v core Alloy blocks	150.00
Engine mount assembly, for 2100,2200,2300cc conversion	105.34
CRANKSHAFTS	
1.6 & 1.9 Knifed edged ,balanced crank, exchange	235.40
Heavy Duty crank, ideal for TT conversions & high powered Na engines	250.00
Heavy Duty Crank , Gives 2100cc	250.00
New Product Mi16 crank, fully reground, knife edged and fully balanced, NON Exchange, Ideal for TT 's Conversions	400.00
Long Stroke Crank knife edged crank, fully balanced, gives 2200cc when used with 88mm forged pistons	400.00
New Product Ultra Long Stroke Crank knife edged crank, fully balanced, gives 2300cc when used with 88mm forged pistons	450.00
CONRODS	
Heavy Duty Conrod Bolts	82.50
1.9 Conrods, each	55.00
1.6 Conrods , each	35.00
Forged conrods , to suit 1600 /1800/1905/2000/2100/2200/2300 conversion. Fully balanced with ARP	780.00
ENGINE BLOCKS	
2000cc Block complete, Core Unit	200.00
2200cc Block complete. Core Unit	350.00
2300cc Block complete, Core Unit	400.00
STROKER KITS	
<i>2000cc Stroker kit (Block +Crank + forged pistons+upper engine mount kit)</i>	1250.00
<i>2100cc Stroker kit (Block +Crank + forged pistons+upper engine mount kit)</i>	1370.00
<i>2200cc Stroker kit (Block +Crank + forged pistons+ Uprated rods+upper engine mount kit)</i>	1780.00
<i>2300cc Stroker kit (Block +Crank + forged pistons+Forged rods+front damper +upper engine mount kit)</i>	2400.00
2000cc/2100cc/2200cc upper engine mount kit	90.00
2300cc Front damper pulley + upper engine mount kit	195.00
CLUTCH KITS	
Helix clutch assembly	249.98
Valeo Clutch assembly	106.54
OIL SYSTEM PARTS	
Baffled sump Kit	85.00
Crank Windage sump kit	85.00
Uprated oil pump spring	13.25
oil pressure adaptor (allows Alloy block oil pressure switch to be mounted in cast block)	13.50

COMPETITION PISTONS & PISTON RING SET

PISTONS

83mm / 83.5mm JE Forged Pistons to suit 1600,1800, 1900cc Engines	575.00
83mm JE Forged Low Comp Pistons	550.00

83mm OEM Pattern Piston, low comp	375.00
JE 85mm Forged Pistons & Liner Kit + 85mm Comp Head gasket (2000cc)	1250.00
86.6mm Pistons (2100cc kit pistons)	368.08
87mm Forged Pistons, gives 2100cc. NA & Turbo Applications	499.00
88mm Forged Pistons, gives 2200cc. NA & Turbo Application	499.00
83mm Forged High comp piston for 1.6/1.8 16v head conversion	499.00
88mm Forged Low comp Pistons, gives 2200cc & 2300cc	499.00
<i>PISTONS RINGS</i>	
Comp Piston ring set , 83/83.5/85mm bore	171.20
Setting Comp rings	65.00
COMPETITION CYLINDER HEAD COMPONENTS	
<i>VALVE GUIDES</i>	
Hiflow, superflow guides (set) , 7mm & 8mm	100.00
<i>HEAD GASKETS</i>	
Cometic Competition Head Gasket, 83/85/88mm	92.45
<i>CAM GEARS</i>	
Hiflow Vernier Pulley	85.00
Hiflow Competition Cam Belt	16.05
Alloy Vernier Pulley	97.00
<i>FOLLOWERS & TAPPETS</i>	
1.6 /1,8 16v Hydraulic follower kit (16 of)	172.00
Timing belt tensioner kit, includes Hiflow comp belt	61.47
High tensile Head stud kit, ideal for Turbo application	160.50
Comp Vavle Spring kit, Springs + Spring platforms	162.50
Setting valve spring installation heights	120.00
New product 1.6 16v head fully gasflowed , light weight 6mm valves, high comp valve spring kit, Pair 285 duration cams , HFH vernier pulleys, competiton head gasket, Fully assembled with cam cover	1550.00
New Product 1.6 16v head fully gasflowed , light weight 6mm valves, 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	2000.00
Polished & Ported Heads	
<i>PERFORMANCE HEADS FOR FAST ROAD WORK</i>	
Recon St 3 Head (Standard valves) ,Exchange	428.00
Budget st3 Head (Standard valves) , Exchange	360.00
<i>PERFORMANCE HEADS FOR COMPETITION APPLICATIONS</i>	
Recon St4 Head (Larger inlet valves), Exchange	599.20
Budget St4 Head (larger valves), Exchange	560.00
<i>PERFORMANCE HEADS FOR RACE AND FORCED INDUCTION APPLICATIONS</i>	

Recon St5 Head (Larger inlet & exhaust valves), exchange	775.75
Budget st5 Head (Larger inlet & exh valves), exchange	720.00
New Product St6 2300cc Ultra big valve head Fully recon head, 43.5mm Inlet valves, 35.5mm Exhaust valves,	1100.00

Performance Camshafts

Newman Fast Road Cam 270/285/300/320 Duration	190.00
Newman Fast Road Turbo Cam	190.00

Competition Valves

Oversize 42.5mm inlet valves + valve cap kit , each	22.34
Oversize superflow 43.5mm inlet valves ,8mm stem, wasted stem, Stainless one part forging, each	47.00
Oversize superflow 35.5mm Exhaust valves ,8mm stem, wasted stem, Stainless one part forging, each	47.00

BIG BRAKE KIT

Gti-6 Front brake kits, (Pair calipers / Yokes + Discs + Pads + Fixings)	365.00
1.9 hubs complete with new wheel bearings fitted, each	165.00

New Products 283x24mm grooved brake disc with a 2 piece billet 6 pot caliper. The kit is supplied with CNC machined alloy mounting brackets, Goodridge braided front brake hoses and a set of Mintex M1144 brake pads. The kit fits under standard 15" Speedline wheels with no wheel spacers.	780.00
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UPRATED SUSPENTION/BUSHES AND RUNNING GEAR

Group N Rear Beam Bush Kit	53.50
upper strut brace	57.78
Wide Track kit. Driveshafts / lower arms with comp bushes	294.25
Koni 'SPORT' Suspension KIT	267.54
Bilstein TARMAC spec coilover kit 'Peugoet Sport Part Number'	946.00
New Products Front Lower Arms with heavy duty rear mounts fitted, Pair	160.50
New Products Lower arms with adjustable rod end jointed ends, with pins , powered coated black or red, pair	285.00
Quiafe LSD , including fitting	658.05
Baker Bushes, Solid Heavy Duty Lower engine mount	26.75
Baker Bushes, Top engine mount with buffers	32.10
Baker Bushes, Gearbox mount	26.75
Baker Bushes, Gp A rear Beam mount kit	42.80
Baker Bushes, Block & stud rear beam mount kit	58.85
Baker Bushes, Top Suspension Mount	12.84
205 / 309 Lower arms assemblies, each	62.43
Track Rod ends , each	5.67
Front Anti roll bar drop links, each	12.32
1.6 & 1.9 Recond ream beams. (Collection service available)	350.00

INDUCTION / THROTTLE BODIES AND MANAGEMENT

ECU'S + PRE MADE LOOMS

NEW Product ! Pre made Loom kit for Emmerald K3, FULLY labeled with comprehensive Fitting instruction	350.00
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NEW Product ! Emmerald ECU, K6 , Ideal for Turbo /Supercharger conversions	595.00
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THROTTLE BODIES

Ported Throttle Body, exchange	65.00
Ported Exhaust Manifold	65.00
Hiflow 62mm Throttle body kit, induction pipework, throttle cable kit, adaptor plate, throttle body (As featured in Max Power April 2006)	325.00

NEW Product ! TWN 45/48/50/55mm 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 42mm Throttle body kit (Emerald M3D 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 EVERYTHING YOU NEED , NO HIDDEN EXTRA'S 1875.00

Hiflow 42mm Throttle body kits (Emerald M3D ECU+TB's+Manifold+Fuel Rail + TPS + injectors +TB loom) Base map on CD 1350.00

ELECTRICAL SENSORS & INJECTORS

High flow injectors, various flow rates available	350.00
3 bar Map sensor	85.00
Air Temp	35.00

INDUCTION SYSTEM + MANIFOLDS

Pipercross Backing plate+ filter element for TWN Throttle bodies	125.00
Pipercross Backing plate+ filter element for HFH Throttle bodies	160.00
Rev counter convertor, makes rev counter work when using coil pack	42.50
Pipercross Backing plate+ filter element for HFH Throttle bodies	160.00
45mm DHLA Delorto's Carb kits	980.00
1.6 & 1.9 Air flow meters, each	35.00
1.6 & 1.9 ECU, each	40.00
Cast exhaust manifold, secondhand	100.00
1600 16v 4-2-1 Exhaust manifold	365.00
FSE boost Valve	96.00

TURBO / SUPERCHARGED COMPONENTS

TURBO + TURBO PARTS

Tubular Turbo Exhaust Manifold ,stainless	800.00
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

SUPERCHARGER + PARTS

Supercharged kit (Eaton charger ,Mounting Plate, Induction pipework, Belt , belt tensioner kit, modified inlet manifold) 1250.00

NEW Product ! Supercharger kit: Comprises of support plate + charger belt tension assembly+ alternator bracket +Eaton charger + Forged rods + Low comp Forged Pistons+ Dump valve+boost gauge + comp head gasket+ pressure pipework+induction adaptor to charger. 3100.00

NEW Product ! Hiflow 42mm 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 2450.00
Modified inlet manifold 125.00

ENGINE CONVERSIONS

Fitting Gti engine into Donar Car 350.00

Removal of old engine	250.00
Wiring Gti loom into Donar Car .	400.00
Rewiring Gti loom into your old existing loom, MAIL ORDER, just send us your looms and we will do the rest	375.00
Supply & fit 6 Pot brake kit .	999.00
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	100.00
NEW Products ! Push Button Start Kits, wiring + relay + diagram	45.00
Fitting push button start kit.	50.00
Supply heat wrap & wrapping standard manifolds	80.00
Supply & fit Mocal oil cooler kits .	260.00
Throttle cable kit	27.50
Fitting & installation of Throttle body kit & wire Emerald.	650.00
Fitting & installation of Carb kits + DRIVE IN DRIVE OUT.	550.00
Fitting Gas Flowed Head + setting valve timing + suppling fluids (does not include head gasket)	550.00
Fitting performance cams & setting valve timing	400.00
Remove & refit new timing kit belt. (Includes timing belt kit)	295.00
Supply & Fit lower engine monut & gearbox mount	210.00
OILS & FLUIDS	
Redline watter wetter, reduces engine & oil temps by upto 10oc . A must for highly tuned Na/ Forced induction engines	14.00
10-40w Redline Engine oil, double drain intervals, JET aircraft quailty oil, 3-5bhp increase , 4.8litres	55.00
Redline Gearoil, Improves gearshifts , extends life of gearboxes due to excellent lubricantion qualities. 2-4bhp increase. 2litres	29.54

SHORT ENGINE KITS

1600/1905cc budget short engine: Reground crank, Liners,Piston Rings, Main bearings,BE bearing, oil pump,reground crank,water pump,timing belt kit,Sump gasket set,fully assembled engine.	950.00
1600/1905 Fast Road engine kits: 83mm Piston & liner Kit, T16 BE bearings,Main Bearings, oil pump,reground crank,water pump,timing belt kit,sump set,fully assembled engine. Exchange units available	1200.00
1600/1905 Competiton Short engine kits: 83mm Piston & liner Kit, T16 BE bearings,Main Bearings, HP oil pump,reground crank,water pump,timing belt kit, Lightenend & balanced Piston/Rods/Crank/Flywheel/Clutch cover, ARP conrod bolts.Baffle sump kit, fully assembled engine. Exchange unit available	1625.00
1600 &1786cc 16v Competition Short Engine kit: 83mm Forged Pistons,Heavy duty liners, T16 BE Bearings, Long stroke crank knife edged crank, Main Bearings,HP Oil Pump, Water pump, timing belt kit, sump gasket set, Lightenend & balanced Piston /Crank /Flywheel/Clutch cover, Fully balanced conrods with ARP conrod bolts. fully assembled.engine	2525.00
2100cc Short Engine kits for 205 Gti: (2000cc block Rebored + Heavy duty crank + 86.6mm pistons + Heavy Duty conrods + engine mount kit + oil pressure sender, Reground crank, BE bearings, Main Bearings, sump gasket set, timing belt kit , water pump, oil pump, fully assembled	1750.00
2100cc Short Engine kits for 205 Gti: (2000cc block Rebored + Heavy duty crank + 87mm Forged pistons + heavy duty conrods + engine mount kit + oil pressure sender, Turbo oil drain fitting, Reground crank, T16 BE bearings, Main Bearings, sump gasket set, timing belt kit , water pump, HP oil pump, Baffle Sump kit , fully assembled	2275.00

2200cc Short Engine kits for 205 Gti: Heavy Duty block Rebores + Heavy duty long stroke crank + 88mm Forged pistons + 2000cc conrods + engine mount kit + oil pressure sender, Reground crank, T16 BE bearings, T16 Main Bearings, sump gasket set, timing belt kit, water pump, HP oil pump, Lightenend & balanced Piston/conrods /Crank /Flywheel/Clutch cover,Baffle sump kit, Windage kit, fully assembled.engine. 2850.00

2300cc Short Engine kits for 205 Gti: Ultra Heavy Duty block Rebores + Ultra Long stroke knife edged crank + 88mm Forged pistons + Forged Conrods with ARPs, engine mount kit + oil pressure sender, T16 BE bearings, T16 Main Bearings, sump gasket set, timing belt kit, water pump, HP oil pump, Lightenend & balanced Piston /Crank /Flywheel/Clutch cover/conrods.Baffle sump kit, Windage kit,crankshaft main cap stud kit, fully assembled.engine. 3650.00

COMPETITION ENGINES

1600/1905cc Budget Engine: Reground crank, Piston Rings, Liners, Main bearings,BE bearing, oil pump,reground crank,water pump,timing belt kit,Sump gasket set, head gasket, Head bolts, St1 Budget Head, Cam reshimmed, fully assembled engine. 1400.00

1600/1905 Fast Road engine kits: 83mm Piston & liner Kit, T16 BE bearings,Main Bearings, oil pump,reground crank,water pump,timing belt kit,sump set,budget St3 head, Fast Road cam, Steel venier pulley, Head gasket, Head bolts, Cam reshimmed, head fitted + fully timmed up. fully assembled engine. Exchange units available 2025.00

1600/1905 Competiton Short engine kits: 83mm Piston & liner Kit, T16 BE bearings,Main Bearings, HP oil pump,reground crank,water pump,timing belt kit, Lightenend & balanced Piston/Rods/Crank /Flywheel/Clutch cover, ARP conrod bolts. baffle sump kit, St4 head big valve head, Rally Cam, Alloy Vernier, comp head gasket, head bolts,Cam reshimmed, head fitted + fully timmed up, Oversize Throttle body kit, fully assembled engine. Exchange unit available 3100.00

2100cc Short Engine kits for 205 Gti: (2000cc block Rebores + Heavy duty crank + 86.6mm pistons + heavy duty conrods + engine mount kit + oil pressure sender, Reground crank, BE bearings, Main Bearings, sump gasket set, timing belt kit, water pump, oil pump, Budget st1 head, head reshimmed, head gasket, head bolts. fully assembled 2250.00

2100cc Short Engine kits for 205 TT: (2000cc block Rebores + Heavy duty crank + 87mm Forged pistons + heavy duty conrods + engine mount kit + oil pressure sender, Turbo oil drain fitting, Reground crank, T16 BE bearings, Main Bearings, sump gasket set, timing belt kit, water pump, HP oil pump, Baffle Sump kit, Budget St3 head, Fast Road cam, Alloy vernier pulley, steel head gasket, cam reshimmed, head bolts+ fully timmed up. fully assembled 3200.00

2200cc Short Engine kits for 205 Gti & TT: Heavy Duty block Rebores + Heavy duty long stroke crank + 88mm Forged pistons + heavy duty conrods + engine mount kit + oil pressure sender, Reground crank, T16 BE bearings, T16 Main Bearings, sump gasket set, timing belt kit, water pump, HP oil pump, Lightenend & balanced Piston/conrods /Crank /Flywheel/Clutch cover,Baffle sump kit, Windage kit, St4 head, Rally cam, Alloy Vernier pulley, comp valve spring kit, 38mm HFH throttle body kit, comp head gasket,fully timed up. Fully assembled.engine. 6000.00

2300cc Short Engine kits for 205 Gti & TT: Ultra Heavy Duty block Rebored + Ultra Long stroke knife edged crank + 88mm Forged pistons + Forged Conrods with ARPs, engine mount kit + oil pressure sender, T16 BE bearings, T16 Main Bearings, sump gasket set, timing belt kit , water pump, HP oil pump, Lightened & balanced Piston /Crank /Flywheel /Clutch cover/conrods.Baffle sump kit, Windage kit,crankshaft main cap stud kit, St6 ultra big valve head, full Race cam, Alloy vernier pulley, competition head gasket, comp valve spring kit, 45 TWN throttle body kit , Pre assembled loom , cam reshimmed , fully timed up. Fully assembled.engine. 8100.00

1600cc /1800cc 16v Competition Engine: 1600 16v block, 83mm balanced Forged pistons , Liners, polished balanced conrod set with Arp Bolts, Comp big end bearings, Comp big ends bearings, Knife edged fully balanced crank, ultra light weight balanced flywheel,Competition head gasket, Head bolts, St3 fully gasflow head fitted with light weight valves, 285 Rally spec cams , comp valve spring kit, new hydraulic follwers, head filter, comp cam belt, HFH vernier pulleys, Alloy baffle sump kit, crank windage kit, high pressure oil pump, timing belt kit, new water pump. 4760.00

1600cc /1800cc 16v Full Race Spec Engine: 1600 16v block ,83mm balanced Forged pistons , Heavy Duty Liners, polished balanced conrod set with Arp Bolts, Comp big end bearings, Comp big ends bearings, Knife edged fully balanced crank, Alloy fully balanced flywheel,Competition head gasket, Head stud kit, Big valve fully gasflow head fitted with light weight valves, Full Race spec cams , solid lifter kit, head filter, comp cam belt, HFH vernier pulleys, Alloy baffle sump kit, crank windage kit, high pressure oil pump timing belt kit, new water pump, 4-2-1 exhaust manifold. 5800.00 carriage

All prices are EX VAT & shipping.

Overseas enquires welcome

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