

2016

ENGINE SERVICES PRICE LIST

All prices include VAT

ENGINE REBUILDS

This contains the prices for Labour only (unless otherwise stated). The total cost for a rebuild depends to a great degree on the condition of the engine and the new parts required. A full and complete estimate is given prior to each engine build commencing.

Strip/inspect & estimate cost of repairs to full engine **£200.50**

ENGINE REBUILDS LABOUR ONLY

Bottom end rebuild (twins) **£237.74**

Bottom end rebuild (triples) **£354.00**

Full Engine build A7/A10 & Huntmaster **£612.00**

Full Engine build A50/A65 (inc gearbox & primary) **£822.00**

Full Engine build Unit Triumph (inc gearbox & primary) **£822.00**

Full Engine build Pre unit Triumph (engine only) **£612.00**

Full Engine build BSA/Triumph TRIPLE **£1,082.02**

Full Engine build Norton twin (engine only) **£596.48**

Full Engine build B31/B33/Goldstar **£596.48**

NEEDLE ROLLER BEARING CONVERSION ONLY

Needle roller bearing conversion A7/A10 All Models **£539.65**

Needle roller bearing conversion A50/A65 1962-67 **£540.00**

Needle roller bearing conversion A50/A65 1968-72 **£540.00**

Needle roller bearing conversion 3TA & 5TA **£520.00**

Needle roller bearing conversion ARIEL Huntmaster **£539.65**

BSA ORIGINAL TIMING SIDE BUSH

A special SRM bush is fitted to the cases then accurately bored for the perfect clearance.

Supply & fit bush, jig bore to size (includes bush) & shim crank **£253.58**

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CRANKSHAFT SERVICES

Dynamic balance crankshaft (twins)	£131.94
Dynamic balance crankshaft (triple)	£154.40
Crankshaft Crack tested	£63.18
Crank Regrind big end (each)	£30.90
Crank Regrind main journal (each)	£38.54
Strip & reassemble bolt together crank (labour)	£52.26
Polish to clean big end journal	£15.78
Sludge trap cleaned & re-assembled (labour)	£43.18
Crankshaft spline repair (BSA)	£180.00
Rotor keyway welded ,ground & re-cut	£87.60
Crankshaft sleeved & ground on shafts	£105.26

CONRODS SERVICES

As one of the most highly stressed items in the engine, we would advise replacing with new if possible.

Conrods highly polished (pair)	£92.95
Small end bushes fitted & honed (pair / labour only)	£27.40
Small journal end caps modified for later nuts (pair)	£13.22

CRANKCASE SERVICES

Drive side housing bearing insert	£123.52
Alloy welding repairs (from)	£28.31
Bead blast & Clean crankcase pair UNIT engine	£91.25
Bead blast & Clean crankcase pair UNIT engine	£77.21
Bead blast & Clean crankcase pair UNIT engine	£108.20
Set up & Bore crankcase mouth for SRM 750 barrel	£52.56
Machine cases for Belt drive pullet (A50 / A65)	£65.99

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CRANKCASE SERVICES (continued)

Convert barrel studs to 3/8" (A50 / A65)	£37.33
Crankcases jigged, faced top & bottom	£113.87
BSA cam bushes removed fitted & honed (labour)	£70.69
TRIUMPH cam bushes removed fitted & honed (labour) x4	£70.69
TRIUMPH cam bushes removed fitted & honed (labour) x2	£42.00
BSA A17/A10 Primary top hat insert (labour) each	£10.34
Casing screw holes cleaned & re-tapped (labour per hour)	£58.97
Stud, Bolt & Bearing removal prior to machining (labour per hour)	£58.97

TIMING COVER SERVICES

Polish timing covers (Pair BSA)	£63.54
Polish timing cover (TRIUMPH)	£37.73
Triumph outer cover bush to oil seal conversion	£44.05
BSA A7/A10 Idler bushed fitted & honed (labour only)	£39.44
BSA A50/A65 Idler bushed fitted & honed (labour only)	£37.73
BSA Idler housing bored o/s & bush fitted to suit (labour only)	£65.99
Modify A7/A10 outer cover for magneto rev drive (labour only)	£65.99
Test BSA oil pump on test rig	£25.46

CYLINDERS SERVICES

Re-bore with plateau hone finish (single)	£66.00
Re-bore with plateau hone finish (twin)	£84.00
Re-bore with plateau hone finish (triple)	£114.00
Re-bore with plateau hone finish (four)	£138.00
Bore Cylinder, fit liner, bore & hone to Std each (labour)	£84.02
Cylinder top face skimmed	£49.02
Damaged / Broken fin repair (each) from	£28.31
Cylinders shot blasted & stove enamelled	£97.92

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CYLINDERS SERVICES (continued)

Bore oversize NORTON cam follow housings	£57.29
Cam followers refaced per set (A50/A65, T120/T149)	£63.54
Cam followers refaced per set (T150 / T160 ? R3)	£76.54
Head bolt hole helicoiled (each)	£11.72

CYLINDER HEAD SERVICES

Valve seat cut multi angle (per seat)	£12.72
Old guide removed, new fitted & honed each (labour only)	£12.28
Damaged / Broken fin repair (each) from	£28.31
Skim head face	£49.02
Spark plug top hat thread insert fitted (includes insert)	£34.02
Spark plug thread insert OVERSIZE fitted (includes insert)	£37.78
Worn valve guide hole welded and re-machined (each)	£94.27
Lead free valve seats three cylinder (labour)	£77.60
Lead free valve seats twin cylinder (labour)	£99.07
Lead free valve seats four cylinder (labour)	£126.16
Lead free valve seats 4 valve twin (labour)	£151.81
Lead free valve seats 4 valve twin (labour)	£168.65
Lead free valve seats, BMW, GUZZI pair of heads (labour)	£128.54
Lead free valve seats NORTON twin (labour)	£128.54
NORTON exhaust thread repair (one only)	£127.30
NORTON exhaust thread repair (pair)	£190.94
TRIUMPH exhaust thread repair	£91.80
Convert TRIUMPH push in to push over each (labour)	£57.29
Cast iron head shot blasted & stove enamelled	£97.92
Head assembled single cylinder (labour only)	£37.73
Head assembled twin cylinder (labour only)	£49.08
Head assembled single cylinder (labour only)	£78.85
Head assembled single cylinder (labour only)	£113.06

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CYLINDER HEAD SERVICES (continued)

Gas Flow A65 head to 32mm	£188.42
Bead blast and clean single head	£49.14
Bead blast and clean twin head	£63.18
Bead blast and clean triple head	£84.22
Bead blast and clean TRIUMPH rocker boxes (pair)	£33.95
Bead blast and clean A7/A10 Rockerbox	£33.95
Bead blast and Polish A50/A65 rocker cover	£39.31
Polish A7/A10 Tappet covers (pair)	£18.88

GEARBOX SERVICES

BSA PRE UNIT Gearbox rebuild (labour only)	£300.00
TRIUMPH PRE UNIT Gearbox rebuild (labour only)	£300.00
NORTON Domi/Commando Gearbox rebuild (labour only)	£300.00
Beadblast & clean gearbox shell	£49.14
Beadblast & clean inner gearbox cover	£30.90
Polish outer gearbox cover	£39.31
Clutch actuating arm pivot hole bushed	£58.96
Kickstart/ gear shaft machined for o ring	£21.07
BSA A50/A65 Gear change spline repair	£37.92
BSA layshaft ground & bushes fitted (labour)	£115.21
BSA Mainshaft ground and special sleeve gear fitted (labour)	£82.12

MISCELLANEOUS

Beadblast & clean inner primary cover (pre unit)	£31.82
Polish outer primary cover	£54.74
Belt drive pulley (A10) convert for cush drive	£171.85
Remove engine / ancillaries , Refit after rebuild	£589.52
Front fork rebuild pair (labour only)	£77.21
General workshop service, repairs, restorations per hour	£58.97