

Ac 2 Litre Engine Spare Parts List

Seals and Gaskets for Complete Engine

Rocker cover
 Exhaust Gaskets, pair
 Oil filter housing, copper/asbestos substitute
 Fig-of-8 gaskets 10 thou (0.25mm) or 16 thou (0.40mm) x set of 3
 Fig-of-8 Set Halite/ali/paper gaskets for original short AC liners
 Oil pump gasket, inner
 Oil pump gasket, outer
 Carb Gasket x set 3
 Distributor housing gasket
 Rev counter drive gasket
 Sump gasket pair
 CL oil gauze gasket
 Head gasket copper/asbestos substitute
 Rear crank seals pair
 Rear crank seal set consisting of one piece lip seal, two seal carrier halves and retaining screws. Modification to block, sump and crankshaft required
 PVT front seal carrier, ali
 Sump plug gasket, copper/asbestos substitute

Studs, Bolts, Screws, Nuts and Washers for Block

3/8" head studs - short or long
 3/8" head nuts
 7/16" x 4 1/2" BSF stud, main bearing
 7/16" x 4 1/2" BSF bolt, main bearing
 7/16" BSF nuts, main bearings
 7/16" twin tab washers, main bearing
 7/16" round lockwashers (original type) main bearings
 7/16" plain washers
 5/16" twin tab washers, oil gallery
 3/8" twin tab washer, oil gallery
 5/16" x 2 3/8" stud, water pump, long
 5/16" x 1 1/4" BSF stud, distributor mounting
 1/4"W x 1" stud, timing wheel and fan
 3/8" BSF x 1 3/4" stud, dynamo
 5/16" x 1" BSF stud, oil pump cover
 5/16" BSF exhaust studs long, PVT, Two Litre Saloon and Buckland
 5/16" BSF exhaust studs short, Ace and Aceca
 5/16" BSF brass nuts exhaust manifold
 5/16" BSF water pump stud, long
 5/16" BSF x 1 1/4" stud, water pump, short
 3/8" BSF nuts, dynamo
 5/16" BSF nuts, general
 5/16" special bolts crank to flywheel

1/4" Whit. nuts, timing wheel and fan
 5/16" BSF x 17/16" stud, bell housing
 5/16" BSF bolts, bell housing
 Nuts, spring and plain washers to suit all above

Studs, Bolts, Screws, Nuts and Washers for Sump

3/8" BSF bolts 4" post-war sump/block
 3/8" BSF bolts x 1 1/4" block/sump
 3/8" BSF Bolts 2" front block/sump
 3/8" spring washer
 3/8" BSF nuts, block to sump
 3/8" BSF x 1 1/2" stud, block to sump
 3/8" heavy washer
 Replacement CL sump plug, hex larger head

Parts for Cylinder Block

Water jacket casting
 Camshaft oil jet
 PVT front seal holder
 Timing sprocket support
 HT clips, screw and washers, post-war
 Chain tensioner
 Tensioner pin

Parts for Sump

Post-war oil pump, uprated, helical, suitable for all UMB and CL engines
 Post-war oil pump, traditional type, suitable for all UMB and CL engines
 Vintage & PVT oil pump, double instead of single rotor bearings
 Oil pump drive shaft
 Oil pump drive shaft gear
 Oil pressure relief Valve, PVT
 Oil pressure relief Valve, post-war
 Relief valve spring
 Relief valve ball

Cylinder Liners and Pistons

Liners, longer than standard in body, require only single 10 thou fig-of-8 gaskets to set correct protrusion (in unmolested block)
 Pistons, HC (replacements for original AC HC type) inc. rings and pins, weight - matched sets (2gms or less)
 Forged pistons, extra high compression
 Piston rings for original AC pistons, old stock, sometimes available

Crankshaft

Crankshaft, billet steel, replacement for original for high performance engines, flangeless rear, requires special flywheel or adaptor to AC flywheel. Special order only.

Rear of AC crank (crankshaft adaptor), either flanged AC or flangeless type (latter requires special flywheel)

PVT end thrust adjuster

Shells for CL 1-4 mains bearings, substitutes for AC originals, modification required to shells and housings

Shells for CL No 5 mains, substitutes for AC originals, modification required to shells and housings

CL thrust bearing pair

Tab washer rear crank nut, all cranks

Tab washer front crank nut, late UMB and CL

Vintage crank sprocket

Bolt/starter dog late UMB and CL crank

Front damper for PVT/Vintage crank

Front damper for late UMB and CL

Aluminium front pulley for Ace/Aceca fan

Front crank pulley Ace/Aceca

Front crank pulley PVT/Vintage

Crankshaft skew gear, cross-shaft and oil pump drive gear set

Connecting Rods

Rods, billet steel, replacement for original for high performance engines, complete with big end bolts and small end bushes. Special order only.

Small end bushes

Big end nuts and bolts 5/16" UNF for AC UMB and CL rods

Shells for CL rods, substitutes for AC originals, modification required to shells and housings

Flywheel

Flywheel for AC crankshaft

Flywheel for billet steel crankshaft

Starter ring

Rubber rings for AC damper flywheel

Crankshaft to flywheel special bolts, nuts and washers

Clutch

Release bearing, all engines except vintage, exchange

Pressure plate, all engines except vintage, exchange

Friction plate, all engines, exchange

Vintage clutch plates, laser cut

Vintage clutch friction parts

Vintage clutch alignment bearing
Clutch master cylinder Ace/ Aceca
Clutch to flywheel bolts and washers

Cross-shaft Assembly

Cross-shaft Shroud
Cross-shaft Spindle & Gear
Shroud as repaired
Thrust bearing
Spring

Lubrication System

Remote filter assembly, consisting of filter header, swivelling connectors for universal application, sealing washers, unions, rubber piping and clips

Cylinder Head

Camshaft bearings
Camshaft shell bearings for use when originals worn
Rocker & camshaft pedestals, new castings pilot machined
Camshaft Studs and Nuts
Camshaft/Rocker Cover Studs, long, extra length for more secure location in domed nut,
Camshaft/rocker cover studs, short, extra length for more secure location in domed nut
Rocker cover nuts, stainless steel

Camshafts

Camshaft, fast road
Camshaft, sports
Camshaft, reprofiled

Rocker Shaft & Rocker Assy

Rocker shaft, extended at front for better location
Rollers with pins, narrow and wide
Rocker (mousetrap) springs
Rockers, uprated, investment castings completely fitted out with rollers and adjusters
Shim washers 0.858" x 0.630" x 0.020" and 0.040" rocker shaft
Vintage rocker cover

Valves & Fittings

Valve stem caps
 Valve collets
 Valve adjusters and nuts
 Valve springs, standard and sports
 Valve spring caps
 Valves, inlet and exhaust, Stellite coated
 Special large valves, inlet and exhaust, Stellite coated
 Tulip valves, PVT
 Adjustable Timing Sprocket
 Camshaft location bearing, bronze, dress to fit

Valve Guides

Cast iron, honed bore for smooth operation

Water Pumps & Thermostats

Post war, exchange, rebuilt and completely redesigned pumps, double bearings and modern seal
 New PVT pumps
 Thermostat, post-war, fits straight into housing with no adaptor ring

Belts

Ace/Aceca water pump, crank, dynamo belt
 Ace/Aceca front pulley- to- fan belt
 Two Litre Saloon crank, pulley, water pump belt
 PVT linked belting

Ignition

Distributors general
 Distributor driven gear with pin and circlip
 Distributor housing bearing
 Post War Distributor DX
 Rebuilt distributor or p-ex.
 Rotor arm
 HT Lead 4.5 metre length
 Plug caps
 Distributor cap Lucas No. 407043
 Points post-war for DX, replaces Lucas - DSB122C 407050
 Condenser, post-war
 Spark plugs 14mm, various types
 Insulator bridge
 Rotor arm

PVT Distributor DJ6/DK6

Rebuilt distributor or p-ex.

Distributor cap

Contact breaker points

PVT base plate

Spark plugs 14mm or 18mm, various types

Plug caps

Rotor arm

High performance ignition coil