

FOR RACING, RALLYING, OR FAST TOURING



OWNERS SHOULD NOTE THAT:

Special Tuning Parts are not offered as production options. Vehicles specially tuned may be subject to special insurance rates. Noise level must comply with Government Regulations. F.I.A. Regulations and Homologation Forms are available only from the R.A.C., 31 Belgrave Square, London S.W.1. Parts cannot be ordered direct from Abingdon, but should be obtained from Distributors or Dealers. Whilst the parts are warranted against defective material or workmanship, the fitting of them to a car will affect the new car Warranty, other than BLMC Stage I Tuning Kits.

For further Special Tuning details, please contact:



Issued by: BLMC Special Tuning Dept., Abingdon, Berks, England.

Printed letterpress by The Nuffield Press Limited, Cowley, Oxford, England. 23/49 (26653) 10/69—50m.

Publication No. BMC 188/B

JOIN THE TEAM OF WORLD-WIDE BRITISH LEYLAND ENTHUSIASTS



Fit BLMC SPECIAL TUNING Parts as used by Works Team Cars Full Factory Approval

NOTE: All parts should be ordered from your nearest BLMC car distributor. It is essential to quote the full part number when ordering.

Among the items offered by the Special Tuning Department are the following: single and twin 1 1/4", 1 1/2", 1 3/4", and 2" carburetors and full installation kits; Weber twin-choke carburetors and manifolds; competition clutch cover assemblies and driven plates; lightened steel flywheels; wide range of alternative camshafts; special tappet adjusting screws; reduced-speed dynamo pulley and fan belt; two-bladed cooling fans; supplementary water radiator kits; competition exhaust manifolds; special pistons; competition valve springs; straight-cut, close and standard ratio gears; competition oil cooler kits; wide range of alternative final drive ratios; limited slip differentials; stiffer Hydroelastic units; alternative front and rear road springs; competition front and rear bump stops; anti-roll bars and installation kits; competition lined brake pads and shoes; wing extensions for Minis with 4 1/2" or 5 1/2" wheels; magnesium alloy wheels and installation kits; wide rim wire wheels and competition steel wheels; alternator installation parts; competition exhaust systems; competition distributors; lightweight seats; mountings for auxiliary driving lamps; competition sump guards; lightweight body panels; blank instrument panels; lightened camshaft sprockets; tachometers; gearbox protector plates; petrol tank shields; plastic headlamp cowls; leather bonnet straps; rubber bonnet and boot retainers; competition sparking plugs; high tension plug waterproofing kits; fly-off hand-brake parts; Tuffrided crank-shafts (848 and 998 Mini); nitrided crankshafts (1800 and MGB); competition heads; engine tie-rods; Perspex window sets; alternative shock absorbers.

Although most of this tuning has been fully proved in competition, the resultant increase in power must inevitably carry with it some tendency to reduce the life of certain components and their reliability. It is for this reason that the normal Manufacturer's Warranty expressly excludes any tuning beyond that given to the car in its standard form, other than that in the BLMC Stage I Tuning Kits. This does not mean the car will be unreliable, and it may be assumed that it will be at least as reliable as other cars of similar performance.

BLMC successes in international rallies and races over the last 10 years have contributed in many ways to the development of better cars for production. However, a number of lessons learned from competition are applicable only to cars that are actually used in competitions. For this reason the Special Tuning Department was formed in 1964, to enable this information to be passed on to any owners who were interested. BLMC Distributors throughout the world are kept advised of the latest developments in competition preparation, and all the stores at Abingdon. Tuning information and components are now available for many models within the BLMC group, further models being added to the range as soon as our experience is considered sufficient.

The following up-to-date literature can be ordered through your local Distributor, or can be sent direct on receipt of the appropriate cheque or Postal Order made payable to BLMC MG Car Division.

BLMC SPECIAL TUNING LITERATURE

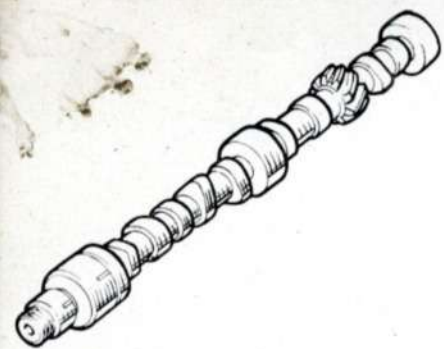
These kits contain a polished cylinder head fully assembled, together with plugs, studs, gaskets, and in most cases a complete exhaust system. Full fitting instructions are provided, and details are available in a separate leaflet, No. 2522. Models for which kits are already available are: Mini 850 and 998, 1100, 1300, and 1800-c.c. Saloons. (Mk. I only) but for SINGLE-CARBURETTOR VERSIONS ONLY.

C-AKD 5061	Special Tuning Binder (less sheets and Index)	12	0
C-AKD 5093	Index Divider Set complete (for binder)	6	0
C-AKD 3333	Tuning Sheet Set for binder (includes sheets for current models)	5	0
C-AKD 5096	Tuning Booklet—Cooper 'S' (Data Sheet Set for this model)	2	6
C-AKD 1021	Tuning Booklet—Sprite/Midget 948-c.c. only (lithographed reprint)	2	6
C-AKD 5097	Tuning Booklet—Sprite/Midget 1098-c.c. (lithographed sheets)	2	6
C-AKD 5098	Tuning Booklet—Sprite/Midget 1275-c.c. (Data Sheet Set for these models)	2	6
C-AKD 5099	Tuning Booklet—850-c.c., 997-c.c. and 998-c.c. Minis (Data Sheet Set for these models)	2	6
C-AKD 4034	Tuning Booklet—MGB (49-page printed booklet)	5	0
C-AKD 819	Tuning Booklet—MGA 1500-c.c. and 1600-c.c. (lithographed reprint)	2	6
C-AKD 5122	Tuning Booklet—1800 Saloon Range (Data Sheet Set for this model)	2	6
C-AKD 5121	Tuning Booklet—1100/1300 Saloon Transverse (Data Sheet Set for these models)	2	6
99-500301	Tuning Booklet—Triumph Spitfire	2	6
C-AKD 5125	British Leyland Special Tuning Emblems (1 pair) (self-adhesive vinyl shields—see cover)	5	0
C-AHT 200	British Leyland Special Tuning label badge (pin fixing 3/4" enamel badge)	5	0

Recommended U.K. Price

BLMC SPECIAL TUNING FACILITIES

BLMC SPECIAL TUNING PARTS

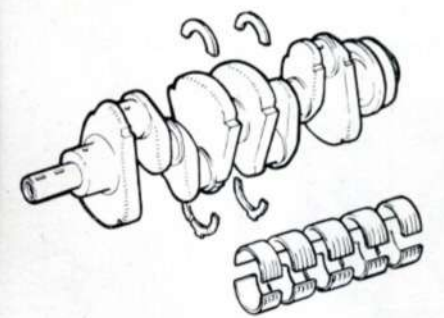
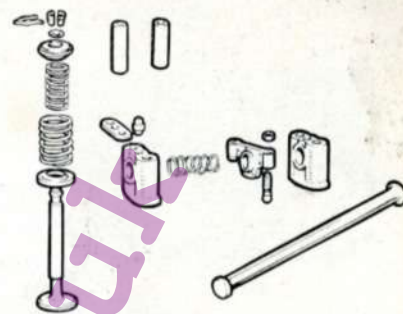


CAMSHAFTS & DISTRIBUTORS

Race and Rally camshafts
Lightened steel camshaft sprockets
and lightened cam followers
Distributors for special camshafts

VALVE GEAR

Valve springs with loading to
230 lb. at full valve lift
Nimonic valves. Hidural valve
guides. Strengthened rocker
screws. Spacers. Push-rods.
Rocker shaft brackets. Valve caps
and collets

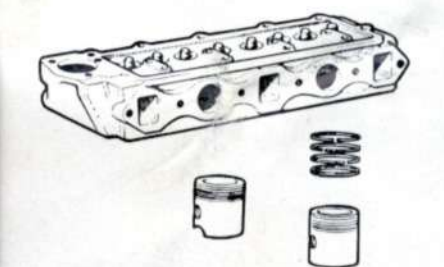
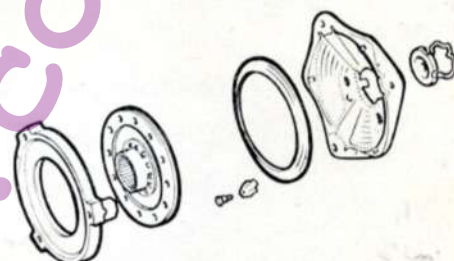


CRANKSHAFTS

Heavy duty crankshafts in
competition material
Competition main and
connecting rod bearings

CLUTCH & FLYWHEEL

Clutch driven plates and cover
assemblies for tuned engines and
competition use
Lightened flywheels, steel or
cast iron
Lightened clutch pressure plate

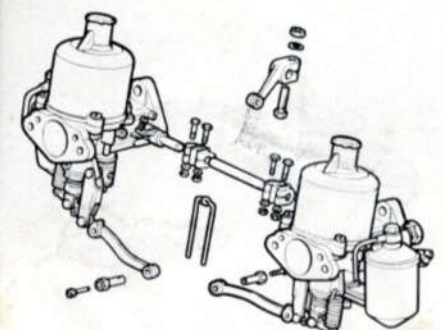
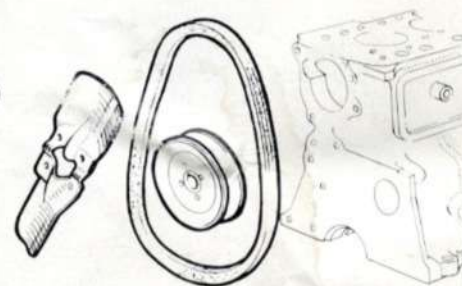


PISTONS AND HEADS

High-compression pistons
(over-sizes available)
Ring sets
Modified and polished
cylinder heads
Competition head gaskets

FAN, FAN BELTS, AND PULLEYS

Large generator pulley
Fan belt and two-bladed fan
Alternator mounting parts

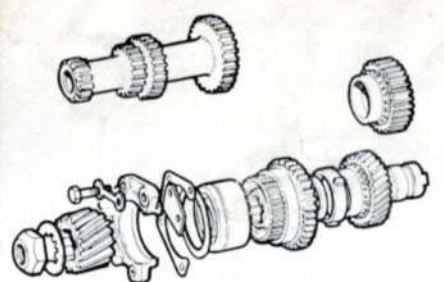
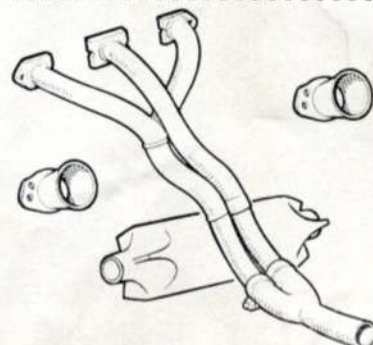


CARBURETTERS

Larger S.U. carburetters
Carburetter installation kits
Weber twin-choke carburetter
and installation kit
Special accelerator cables

EXHAUST

Free-flow exhaust manifolds
Exhaust systems
Silencer assemblies
S.U. carburetter intake trumpets

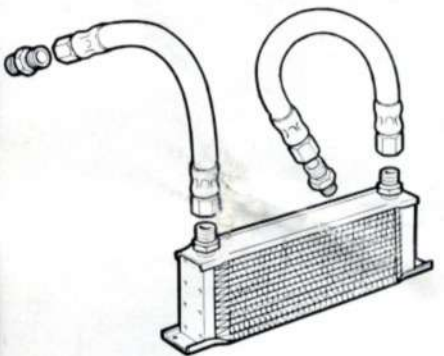
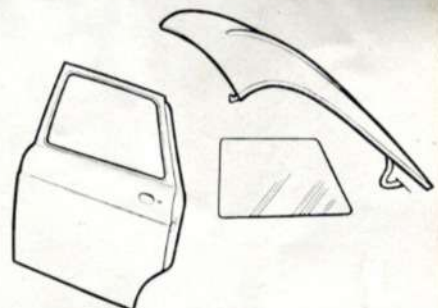


GEARS & DIFFERENTIAL

Straight-cut close-ratio gears
Close-ratio gear sets
Final drive gears—various ratios
Limited slip differentials

BODYWORK

Lightweight doors,
bonnets, boot lids.
Perspex windows

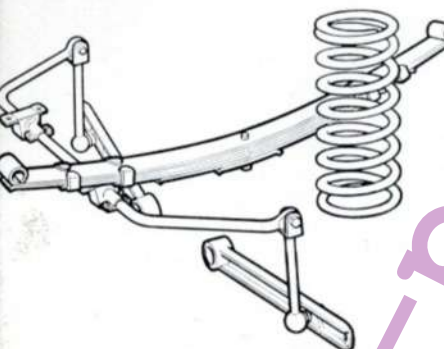
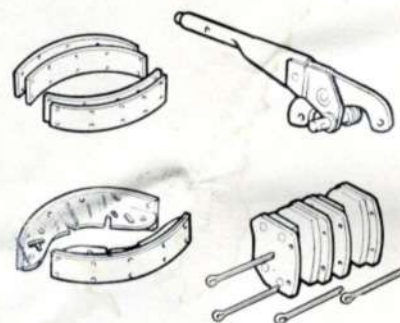


OIL COOLERS

Larger oil coolers
Oil cooler kits
Oil cooler cover

BRAKES

Competition brake linings
Brake-shoes and linings
Competition brake pads
Fly-off hand-brake conversions

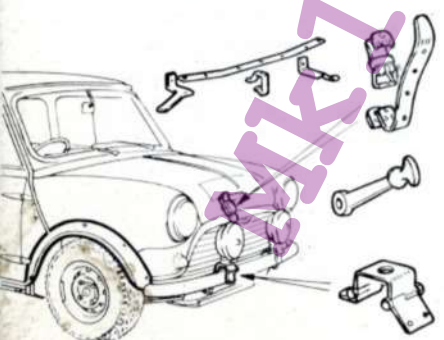
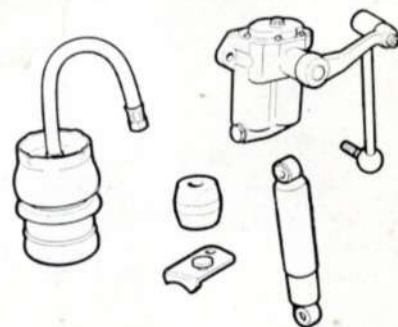


ROAD SPRINGS

Coil and leaf springs (re-rated
and lowered)
Anti-roll bars and kits

SUSPENSION

Rear progressive bump kit for
Hydrolastic cars
Rally displacer units
Shock absorbers (competition
setting)



LAMP BRACKETS

Four-lamp bar and single lamp
bracket

BONNET STRAPS

All models

WING EXTENSION KITS

Homologated for all Minis

WHEELS

Wide-rim wire wheels
Wide-rim magnesium alloy wheels
Wide-rim steel wheels

