

ALEXANDER APPROVED EXTRAS

Balance crankshaft, flywheel, clutch, con-rods and pistons	£15 0 0
Extra charge for stripping and rebuilding engine (any faulty parts will be renewed and charged extra.)	£12 10 0
Extra charge for removing engine from car and refitting	£ 5 10 0
Line Bore and fit camshaft bearings (if carried out when engine is stripped).	£ 8 10 0
Pair of 1½" S.U. Carburettors, complete with fuel pipes and throttle linkages	£23 15 0
Competition crankshafts suitable for all stages of tune	£16 0 0 £16 0 0
Competition clutch	£11 16 6
Special distributor	£ 8 14 0
Three branch exhaust manifold	£10 10 0
Oil cooler kit with high pressure hose and adaptors	£12 10 0
Alloy racing flywheels	£12 10 0
Standard flywheel lightened (on exchange)	£ 5 0 0
Anti-roll bars (front only) Sprite	£ 7 10 0
Close ratio gears—1st 2.25; 2nd 1.67; 3rd 1.23. Special racing strength.	£45 0 0
Sports camshaft	£13 10 0
Lockheed Servo brake kit	£13 0 0

Stage 2 specially designed modified cylinder head for the new Midget and Sprite Mk. 2 is fitted with formula junior inlet and exhaust valves and springs. Built up ready for fitting.	£36 0 0
Special High Compression pistons (per set)	£8 10 0
Anti Fade brake linings (per set)	£ 3 14 6
Anti Fade lined shoes (per set) exchange	£4 11 4

ALL B.M.C. APPROVED EXTRAS AVAILABLE Price on application

When ordering any of the above it is essential to quote
Mk. 1 or Mk. 2 models

FOR RACING ONLY

Alexander Light Alloy cross flow cylinder head, inlet manifold for 1½" or 1¼" S.U. carburettors	£90 0 0
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All prices are quoted Ex Works, packing and carriage extra.

Payment:—on collection or approved accounts.
The Company reserves the right to alter prices and specifications without prior notice

ALEXANDER ENGINEERING CO. LTD.
HADDENHAM, BUCKINGHAMSHIRE, ENGLAND
Tel.: HADDENHAM, BUCKINGHAMSHIRE 345/6

ALEXANDER-MOTORTUNE LTD. 6 ADAM & EVE MEWS, KENSINGTON HIGH STREET, LONDON, W.8. Tel. WESTERN 1166	ALEXANDER CONVERSIONS LTD., off ST. MARY'S CHURCHYARD, 12 CAROLINE STREET, BIRMINGHAM, 3 Tel. CENTRAL 0665
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ALSO AGENTS IN ENGLAND, SCOTLAND, WALES AND OVERSEAS

ALEXANDER

ADDED PERFORMANCE CONVERSIONS



AUSTIN-HEALEY SPRITE Mk. 1

M. G. MIDGET

AUSTIN-HEALEY SPRITE Mk. 2

AUSTIN-HEALEY
SPRITE Mk. I



SPECIFICATION

High compression pistons for improved performance on Premium fuel and reduced friction. Extensively modified high flow efficiency cylinder head giving 9.4:1 compression ratio with the special pistons, is equipped with specially designed large valves and springs, now supplied fully assembled. Exhaust valves are of K.E. 965 steel and inlet valves of Silichrome steel. Specially developed inlet manifold of optimum length, flexibly mounted to cylinder head to improve carburation efficiency and embodying latest developments in balance pipe design. Twin S.U. 1 1/4" carburettors. Modified exhaust manifold incorporating newly developed full flow centre port adaptor.

ALEXANDER STAGE I PERFORMANCE FIGURES

Standard	Standard Alexander Conversion	Alexander Conversion (Aero-Screen)
Acceleration through gears		
0-30 m.p.h. 5.4 secs.	4.6 secs.	4.2 secs.
0-50 m.p.h. 13.0 secs.	10.8 secs.	9.4 secs.
0-70 m.p.h. 33.8 secs.	22.0 secs.	19.2 secs.
Standing quarter-mile 21.0 secs.	19.6 secs.	19.2 secs.
Maximum speed		
80 m.p.h.	89 m.p.h.	98 m.p.h.
Maximum speed (one way) 82 m.p.h.	92 m.p.h.	100 m.p.h.
Overall fuel Consumption 32 m.p.g.	29 m.p.g.	—

NOTE
The H.C. pistons supplied with this kit are designed to fit standard bores. If the vehicle has exceeded 10,000 miles the possibilities that the bores have worn over-size should be considered. The cylinder maximum dimension should not exceed 2.4806" diameter.

The above figures were taken from MOTOR RACING and published in their January, 1959, issue.

WHAT IT WILL COST

Complete Alexander Stage I conversion £75 0 0

This conversion is also available in Stage II form for the enthusiast, similar to above, but including 1 1/4" S.U. carburettors, sports camshaft and complete exhaust system with improved cylinder head £98 10 0

N.B. A deposit of £15 is charged in addition, pending the return, carriage paid, of the displaced cylinder head, complete with carburettors, inlet manifold and air cleaners at these Works within 21 days.

ALEXANDER RACING SERVICE undertakes specialized modifications and tuning for owners using cars for competition. Each order receives **INDIVIDUAL** attention to customers special requirements.

**Crankshaft and Flywheel
Balancing by Special
arrangement**

Examples:—

- a Electronic Engine Balancing
- b Cylinder blocks line bored for special camshaft bearings to be fitted etc.
- c Many other specialized modifications see approved extras list on back cover.

AUSTIN-HEALEY
SPRITE Mk. II
M.G. MIDGET



SPECIFICATION STAGE I

The cylinder head is extensively modified with reshaped combustion chambers and ports and highly polished, to 9.4:1 compression with standard pistons. Two non restriction air filters are supplied.

WHAT IT WILL COST

Complete Alexander conversion £22 10 0

SPECIFICATION STAGE II

The cylinder head is extensively modified, completely reshaped and highly polished. The ports are also modified, air flowed and highly polished. The compression is raised to 9.5:1. Larger inlet and exhaust valves assembled with racing valve springs are fitted to the cylinder head. Two 1 1/4" S.U. carburettors are fitted on to a specially designed and air flowed manifold. These are fitted with all necessary fuel pipes, throttle and mixture linkages. The whole of the induction system is completely assembled ready for fitting and the kit of parts is supplied complete with a new de-coke set and other necessary gaskets.

WHAT IT WILL COST

Complete Stage II Alexander conversion £69 0 0

N.B. A deposit of £15 is charged in addition, pending the return, carriage paid, of the complete displaced cylinder head, inlet manifold and carburettor in good condition at these works within 21 days.

For the enthusiast who requires still livelier performance and acceleration we strongly recommend that the following two extras should be fitted.

Special three branch exhaust manifold and free flow system £13 13 0

Super Sports Camshaft £13 10 0

N.B. Allowance against return of displaced camshaft in good condition carriage paid £ 2 0 0

Performance Figures	m.p.h.	Standard	Converted	Stage II
		Autocar Test	Stage I	
	0-40 m.p.h.	9.0 secs.	7.6 secs.	7.0 secs.
	0-50 m.p.h.	13.8 secs.	10.6 secs.	9.2 secs.
	0-60 m.p.h.	19.8 secs.	14.8 secs.	13.5 secs.
	0-70 m.p.h.	29.8 secs.	21.1 secs.	19.2 secs.
	0-80 m.p.h.	51.8 secs.	33.0 secs.	29.0 secs.

When ordering conversions or sets of parts, customers are requested to give the car registration number, date of registration, engine and chassis numbers.

ALEXTRACTER—A MUST FOR YOUR MIDGET OF SPRITE Mk. 2

DESIGNED TO GIVE:—

- Improved fuel consumption.
- Makes more engine power available
- Cleaner engine

PRICE
59/6

BUY YOUR NEW SPRITE Mk. II CONVERTED THE "ALEXANDER WAY"

Inclusive Price : 12 Months Tax. Heater. Delivery. Conversion. ASK FOR LEAFLET.