

	Acceleration through gears.	* Standard.	Converted.
Performance figures.	0 - 30 m.p.h.	4.3 secs.	3.8 secs.
	0 - 40 m.p.h.	6.6 secs.	5.3 secs.
	0 - 50 m.p.h.	9.6 secs.	7.2 secs.
	0 - 60 m.p.h.	13.5 secs.	10.2 secs.
	0 - 70 m.p.h.	19.4 secs.	16.0 secs.
	0 - 80 m.p.h.	30.5 secs.	23.4 secs.

* Figures taken from the Autocar Road Test 12.4.63.

WHAT IT WILL COST.

Complete set of parts for the above conversion. FITTING EXTRA £49 10 0

DEPOSIT CHARGE.

A deposit charge of £15 is made in addition pending the return, carriage paid of the displaced cylinder head, carburettors, inlet manifold and air filters in good condition at our works within 21 days.

SPECIAL CONVERSIONS

Appendix "J" GP 2 conversion for Cooper "S" for touring and racing please write for quotations stating your exact requirements.

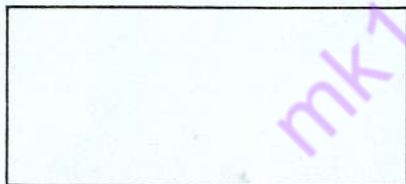
EXTRA PERFORMANCE EQUIPMENT.

	Price on application.
Complete engine balancing service for crankshaft, flywheel, clutch rods & pistons.	£27 0 0
Pair of 1½" S. U. carburettors complete with fuel pipe and linkage assembled to airflowed manifold.	£ 1 0 0
Ram Pipes for 1½" S. U. 's.	£ 3 8 4
Set of lead indium bearings (Big ends & mains)	£ 5 0 0
Racing type clutch centre plate (exchange)	£13 10 0
Special camshafts.	£12 10 0
Oil Cooler Kit.	£13 0 0
Power Brakes. Complete Lockheed installation kit.	£ 9 15 0
Rev Counters. Complete installation kit.	£ 1 10 0
Set of special valve springs.	£ 2 5 0
Set of double valve springs.	£ 2 10 0
Set of Swedish Steel racing valve springs.	

Send for Complete List of ALEXANDER ALEXCESSORIES with Photographs and Prices.

All prices are quoted ex works, packing and carriage extra. The company reserve the right to alter prices and specification without prior notice.

AVAILABLE FROM



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

ALEXANDER

ADDED PERFORMANCE CONVERSIONS

Austin · Morris

MINI COOPER

COOPER "S"

Austin · Morris MINI COOPER

**ALEXANDER
CONVERSIONS**

SPECIFICATION.

The cylinder head is extensively modified, airflowed and the combustion chambers are completely reshaped and highly polished. The ports are also modified, gas flowed and highly polished. The compression ratio is raised to 9.5:1. Two 1½" semi downdraught S. U. carburettors are fitted on to a specially airflowed inlet manifold complete with all necessary fuel pipes, throttle and mixture linkages. A set of double valve springs are supplied to allow for higher engine revs. The whole of the induction system is assembled and the kit of parts is supplied complete with a new set of gaskets and a special set of K. L. G. sparking plugs.

	Acceleration through gears.	* Standard.	Converted.
Performance figures.	0 - 30 m. p. h.	5.4 secs.	3.2 secs.
	0 - 40 m. p. h.	8.4 secs.	5.6 secs.
	0 - 50 m. p. h.	12.6 secs.	8.3 secs.
	0 - 60 m. p. h.	18.0 secs.	12.6 secs.
	0 - 70 m. p. h.	27.5 secs.	17.7 secs.
	0 - 80 m. p. h.	50.6 secs.	28.5 secs.

* Standard figures taken from the Autocar Road Test 20.10.61.

WHAT IT WILL COST. (Fitting Extra)

Complete set of parts for the above conversion.	£49 10 0
Modified cylinder head only. (on exchange)	£19 10 0

DEPOSIT CHARGE.

A deposit charge of £15 is made in addition pending the return carriage paid of the displaced cylinder head, carburettors, inlet manifold and air filters in good condition at our works within 21 days.

Austin · Morris MINI COOPER "BIG BORE" CONVERSION

**ALEXANDER
CONVERSIONS**

SPECIFICATION.

The cylinder head is extensively modified, airflowed and the combustion chambers completely reshaped and highly polished. The ports are also modified, airflowed and highly polished. The compression ratio is raised to 9.5:1. The cylinder head is fitted with larger inlet and exhaust valves of special material. Two 1½" semi downdraught S. U. carburettors are fitted on to a specially modified and airflowed manifold. These are fitted with all necessary fuel pipes, throttle and mixture linkages. A set of special valve springs are fitted to allow for the higher engine revs. The whole of the induction is assembled ready for fitting and the kit of parts is supplied with a new set of gaskets and K. L. G. sparking plugs. A set of special forged aluminium racing quality light-weight pistons are supplied complete with dykes top rings. A special camshaft is provided and a complete set of new Racing Quality big end and main bearings together with all necessary lock washers, thrust washers and gaskets.

Special instructions for fitting and the boring of the block are supplied with each kit.

WHAT IT WILL COST. (Fitting Extra)

A complete set of parts for the above conversion.	£119 0 0
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DEPOSIT CHARGE.

A deposit charge of £15 is charged in addition, pending the return carriage paid within 21 days of the completely assembled displaced cylinder head, inlet manifold and carburettors.

Austin · Morris MINI COOPER

**ALEXANDER
CONVERSIONS**

Grand Touring Conversion (appendix "J" Gp. 2)

This conversion has been specially designed for the enthusiastic Cooper owner who wishes to compete in competitions and still retain the smoothness and tractability for road use. This conversion has been the basis of the Alexander works Cooper and Cooper "S" cars driven by Liz. Jones and Mick Clare and which have proved so reliable and successful this season.

SPECIFICATION.

The cylinder head is extensively modified, airflowed, and the combustion chambers are reshaped and highly polished. The cylinder head is complete with valves and special springs. Two 1½" S. U. carburettors are fitted to a modified and airflowed standard inlet manifold complete with all the necessary fuel pipes, throttle and mixture linkages. A homologated camshaft is also supplied with this conversion.

Alexander strongly recommend that the engine be balanced with this conversion.

WHAT IT WILL COST. (Fitting Extra)

Complete set of parts for the above conversion.	£90 0 0
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Racing Conversion (appendix "J" Gp. 2)

This conversion has been designed for the Cooper owner who wishes to use his Cooper for racing only.

SPECIFICATION.

The cylinder head is extensively modified, and the combustion chambers are airflowed and completely reshaped to the highest racing standards and is complete with valves and special springs. Two 1½" S. U. carburettors are fitted to a modified and airflowed standard manifold complete with all necessary fuel pipes, throttle and mixture linkages. A homologated camshaft is also supplied with this conversion.

Alexander strongly recommend that the engine be balanced with this conversion.

WHAT IT WILL COST. (Fitting Extra)

Complete set of parts for the above conversion.	£100 0 0
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DEPOSIT CHARGE.

A deposit charge of £15 is charged in addition pending the return, carriage paid, of the displaced cylinder head, complete with valves and springs, carburettors, inlet manifold, air filters and camshaft in good condition at our works within 21 days.

This deposit charge is applicable to both Touring and Racing Conversions.

Austin · Morris COOPER "S"

**ALEXANDER
CONVERSIONS**

SPECIFICATION.

The cylinder head is extensively modified, airflowed and the combustion chambers are completely reshaped and highly polished. The ports are also modified, gas flowed and highly polished. The compression ratio is raised to 10.5. Two 1½" S. U. carburettors on to a specially airflowed inlet manifold complete with all necessary fuel pipes, throttle and mixture linkages. A set of Special Swedish steel valve springs are supplied to allow for higher engine revs. The whole of the induction system is assembled and the kit of parts is supplied with a set of gaskets and K. L. G. sparking plugs.