# VIMKIN

# **Enlivened Performance Conversions**

for

# AUSTIN MORRIS

and MG

1100's

With a present car density of 29 vehicles per mile of road it is as important to be able to "Slow Fast" as "Go Fast" so let us bring your vehicle's braking into line with its performance potential.

# YIMKIN ENGINEERING LTD.

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LONDON, S.W.I.

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# **AUSTIN and MORRIS "1100"**

#### STAGE 1:

This conversion is not designed for those who are seeking the ultimate in performance but for those who require a noticeable increase over the standard car without loss of flexibility or increased petrol consumption.

For this stage of modification the cylinder head has an increased compression ratio to 9:1 and is gas flowed through the reshaping and polishing of the induction ports and combustion chambers. Higher r.p.m. volumetric efficiency is futher enhanced by the fitting of double valve springs, twin HS.2. Semi down draught S.U. Carburetters of 1½" dia. throat size and mating manifold. Also supplied are the necessary fitting gaskets. linkages, and fuel pipes.

#### PRICES:

Complete kit as detailed above:	£39.	0.	0.
Ex Works including all fitting charges:	£54.	0.	0.
Modified cylinder head only, on exchange:	£18.	0.	0.
Cylinder head fitting charges:	£8.	10.	0.

# STAGE II:

This conversion is designed to give the car an enlivened performance suitable for rally and other competitive work whilst keeping it entirely tractable for road use.

For this stage of modification the cylinder head is prepared as in Stage I but the compression ratio is increased to 9.5:1 and larger inlet and exhaust valves are fitted. Twin HS4 1½" dia, throat size semi down draught S.U. carburetters replace the 1½" as on the Stage I and are supplied fitted to the mating manifold. Also supplied are a sports camshaft and matched Distributor and all necessary fitting gaskets, linkages, and fuel pipes.

### PRICES:

Complete kit as detailed above:	£74. 10. 0.
Ex works including all fitting charges:	£97. 10. 0.
Modified cylinder head only, on exchange:	£32. 0. 0.
Cylinder head fitting charges:	£8, 10, 0,

Recommended extras for Stage I and II conversion are a sports camshaft and matched distributor, if not already fitted and a special exhaust system comprising of any easy flow manifold pipes and Yimkin Silencer.

N.B Deposit charge with order pending return of exchange parts in good condition: £15, 10, 0,

# MG "1100"

## STAGE I:

This conversion is intended for the owner who requires an enlivened performance from an already tractable and economical car,

For this purpose the cylinder head is extensively polished and reshaped as for the Stage I Austin and Morris and the compression ratio raised to 9:1. Also supplied are new carburetter needles and all fitting gaskets.

### PRICES:

Complete kit as listed above:	£19. 0. 0.
Ex works including all fitting charges:	£27. 10. 0.
Modified cylinder head on exchange:	£18. 0. 0.
Cylinder head fitting charges:	£8, 10, 0,

## STAGE II:

This conversion comprises of a highly modified cylinder head incorporating competition valve springs, larger inlet and exhaust valves and a raised compression ratio to 9.5:1. Twin Semi down draught S.U. Carburetters of 1½" dia. throat size and mating manifold. Also supplied are a sports camshaft, matched Distributor and all the necessary pipes, linkages, and fitting gaskets.

#### PRICES:

Complete kit as detailed above:	£77.	0	n
Ex works including all fitting charges:	£100.	0.	0.
Modified cylinder head only, on exchange:	£32.	0.	0.
Cylinder head fitting charges:	£8.	10.	0.

# N.B. Deposit charge with order pending return of exchange parts in good condition: £15. 0. 0.

# EXTRAS AVAILABLE

	Alloy rocker covers :- Stove enamel	£4. 17. 6.			
	polish finish	£5. 7. 6.			
	Anti fade brake linings				
	All gauges At ma	kers retail prices			
	Auto pulse fuel pump	£6. 19. 6			
	Air filters, per pair	£2. 2. 0.			
	Balancing Engine :- Crankshaft, Flywheel, Conrods, Pic	stons £8, 12, 0.			
	Boring cylinder block and fitting camshaft bearings, o stripped cylinder blo				
	Carburetters (1 pair) 14" Semi down draught S.U.	£15. 0. 0.			
	1½"	£20. 0. 0.			
	Complete set lead indium bearings (mains and big ends) Prices on inquiry				
	Carburetter inlet trumpets	£1. 15. 0.			
	Extra charges for stripping and rebuilding engine	£10. 0. 0.			
N.B.	(All faulty parts renewed are chargeable)				
	Extra charges for removing and fitting engine to car	£6, 10. 0.			
	Electronic revolution counters	£9. 15. 0.			
	Induction manifold polishing	£2. 10. 0.			
	Lockheed power assistance braking kit, complete	£13. 0. 0.			
	Polishing engine reciprocating parts Pric	es on application			
	Special Camshafts (advise on requirements)	rom £9. 0. 0.			
	Special Matched Distributors	£6. 0. 0.			
	Three branch easy flow exhaust manifolds	£9. 15. 0			

## Also available:

Crack testing on crank shaft and connecting rods: Yimkin Silencers and mating pipes: General servicing and maintenance: Tyre replacements: Accident repairs.

N.B. All conversions may be purchased separately; all prices quoted are ex works; packaging and carriage are extra.

Terms of payment: Cash with order or on collection.

Yimkin Engineering Limited reserves the right to alter prices and specifications without prior notice.

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