

## MOTOPLUS CONVERSIONS

### TUNING EQUIPMENT

The equipment listed here is similar to that used in most successful race/competition cars to-day. Our aim is to provide the best possible products, engineering-wise, for the least practicable cost.

#### AIR BELLS (minimum length ram pipes)

Polished chromium finish. Eliminates total head loss at the carb. orifice, without any induction length side effects. Gives approximately 5 p.c. increase in power.

Available 1 $\frac{1}{4}$ " and 1 $\frac{1}{2}$ " S.U.s. 19/- postage and packing 1/6d.

#### AIR FILTERS

All minimum resistance to flow.

1. Mini with 1 $\frac{1}{4}$ " S.U. 17/6d

1.BP. " " " " and breather pipe 18/6d

2. All 1 $\frac{1}{4}$ " S.U.s, except Minis 22/6d

2.BP " " " " with breather pipe 24/-

3. Cortina G.T. 35/-

H.S.4 and H.D.4 carbs 27/6d

with twin carb set-ups it is usual to fit one with a breather pipe connection and one without.

#### CAM SHAFTS

A very wide range of Cam-shafts can be supplied, from a de-tuned cam for towing to full face cam shafts, prices start at:

£7. 10s. 0.

e.g. an intermediate race cam for 850 Mini £9. 10s. 0.

#### CYLINDER HEADS.

##### Stage 1.

This head provides an excellent basis for a club competition car or a fast road car. The ports and combustion chambers are re-shaped and polished to a high degree. Costs are kept to a minimum by retaining the original valves although stronger valve springs are fitted. Exchange price £16. 10s. 0.

##### Stage 11.

A logical development of the stage 1 head, the combustion chambers are completely re-profiled to current racing specifications. The ports are opened out and larger valves fitted. The machined surfaces are then polished. Double valve springs are then fitted to take full advantage of the increased engine speeds available. Exchange price £25. 0. 0.

N.B. A surcharge of £10 will be charged against the return of your old head.

Stage 1 available for Minis, A.35s, A.40s, Morris 1000.

Stage 11 " " Coopers, Minis, 1100s, Sprites,

Midgets, M.G.B.s, Ford Anglias, Cortinas, Corsairs.



Full-race cylinder heads can be prepared to individual customers requirements. These are certainly amongst the most competitive available to-day, price approx. £30.

#### MANIFOLDS.

MOTOPLUS manifolds are designed to take full advantage of the latest extractor techniques. Exhaust manifolds will give up to 8-10.h.p. improvement.

A.	Mini and 1100	1 $\frac{1}{4}$ "	inlet manifold	(single)		
B.	"	"	"	"	"	
C.	"	"	1 $\frac{1}{2}$ "	"	"	
D.	"	"	1 $\frac{1}{2}$ "	"	"	(twin)
E.	Mini Cooper 'S'	Racing twin	1 $\frac{1}{2}$ "	with spigots		all £4. 10. 0
		and extended length				5. 10. 0
	BMC 'A' series, other than Minis:					
F.	Single	1 $\frac{1}{4}$ "	inlet manifold			
G.	"	1 $\frac{1}{2}$ "	"	"		
H.	Twin	1 $\frac{1}{4}$ "	"	"		
I.	"	1 $\frac{1}{2}$ "	"	"		all 4. 10. 0
J.	Mk.111 Sprites	require	spidotted racing	manifolds,	1 $\frac{1}{2}$ "	carbs.
						5. 10. 0
K.	Hillman Imp	complete	inlet/exhaust	manifold		
		to take	twin S.Us or Strombergs,	1 $\frac{1}{4}$ " or 1 $\frac{1}{2}$ "		17. 10. 0
L.	Vauxhall Viva	inlet manifold,	twin	1 $\frac{1}{4}$ " S.Us		5. 10. 0
M.	"	"	"	"	1 $\frac{1}{2}$ " S.Us	5. 10. 0
N.	"	"	"	"	Strombergs	5. 10. 0
O.	Ford Anglia/Cortina	Twin S.Us	1 $\frac{1}{4}$ "			7. 10. 0
P.	"	"	"	"	1 $\frac{1}{2}$ "	7. 10. 0

#### EXHAUST MANIFOLDS.

Mini competition	...	...	9. 10. 0
this manifold must be used with a larger bore exhaust system, available at	...	...	4. 10. 0
Cooper competition manifold	...	...	9. 10. 0

#### MINI 'S'

This exhaust manifold was developed as the ultimate in racing manifolds, although developed specifically to take advantage of the high power outputs available with a racing 'S' we are now inclined to recommend it for all purely racing Minis

purely racing Minis	...	...	£12. 10. 0
Mk.1 and Mk.11 Sprites, Mk.1 Midgets			9. 10. 0
Mk.111 Sprites, Mk.11 Midgets			9. 10. 0
Viva	...	...	10. 0. 0
a connecting pipe is required, for connection with the standard system	...	...	£1. 0. 0.

All exhaust Manifolds can be finished in a permanent white aluminium alloy for a nominal charge of £1.

### RACING PLUGS.

A wide range of plugs is stocked, Champion Racing 6/- each  
Lodge Racing 7/6 each

### SUSPENSION MODIFICATIONS.

Full range of 'Armstrong Roadholder' shock absorbers, including adjustable, we also keep 'Konis' for popular competition marques.

### ANTI ROLL BARS.

105E Ford Anglias	...	...	£4. 10. 0
Cortina	...	...	4. 10. 0
Minis	...	...	4. 10. 0
Spridgets	...	...	4. 10. 0

### ANTI TRAMP BARS. 105E Ford Anglia

one is usually sufficient, but with very high powered motors two may be necessary.

### LOWERING KIT.

105E Ford Anglia, shorter, high rate front springs and alloy blocks and extended 'U' bolts for the back  
£7. 10. 0

### VALVE SPRINGS.

Minis, Mini extra strong silicon chrome	£1. 13. 0	per set.
Mini double	1. 7. 6	
Mini extra strong	16. 6	
Cooper competition	1. 15. 0	
Anglia extra strong	19. 6	

### WHEELS.

Minilite racing wheels can be supplied for all makes to order.

Cosmic alloy Minis	£6. 0. 0	each
Cooper 'S' wide rim	3. 0. 0	"

### BRAKE LININGS.

Competition brake linings including AM.4s are stocked for most makes.

### TYRES.

We have a wide selection of braced tread and conventional Tyres in all sizes including Cinturatos, SP.3s. SP.4s, Goodyear Grand Prix, R.6. and R.7. when available. All Tyres are supplied at £1 off list price and fitted free.

### MOTOPLUS CONVERSIONS.

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