

April 1966.

# ALEXANDER CONVERSIONS

COOPER 'S' ENGINES PREPARED TO APPENDIX 'J' GROUP II AND V

970 c.c. +.040	= 999 c.c. Twin 1.1/2" S.U.	87 B.H.P. @ 7750 R.P.M.	
970 c.c. +.040	= 999 c.c. Weber DCOE 45	93 B.H.P. @ 7800 R.P.M.	
1071 c.c. +.040	= 1107 c.c. Twin 1.1/2" S.U.	93 B.H.P. @ 7000 R.P.M.	
1071 c.c. +.040	= 1107 c.c. Weber DCOE 45	97 B.H.P. @ 7500 R.P.M.	
1275 c.c. +.020	= 1293 c.c. Twin 1.1/2" S.U.	110 B.H.P. @ 7400 R.P.M.	
1275 c.c. +.020	= 1293 c.c. Weber DCOE 45	118 B.H.P. @ 7400 R.P.M.	

1. New engine and gearbox complete with ancillaries for 1275 c.c. can be supplied if customers' require.	£235	0s.	0d.
2. Labour charge for removing power unit from car, completely stripping engine, cleaning and rebuilding to racing specification.	45	0s	0d
3. Boring cylinder block to either size.	6	10s	0d
4. Pistons +.040" or .020".	14	0s	0d
5. Balancing crankshaft, flywheel, con rods, clutch and pistons.	15	0s	0d
6. Special crankcase, breather tank and pipes.	1	10s	0d
7. Lightening flywheel.	7	10s	0d
8. Modify cylinder head.	25	0s	0d
9. Special valve springs.	4	5s	0d
10. Competition clutch plate.	5	0s	0d
11. Electronic revolution counter.	10	15s	0d
12. Racing camshaft.	16	0s	0d
13. Complete gasket set	2	14s	0d
14. 1 gallon oil	Price depending on type of oil		
15. Pair of 1.1/2" S.U. carburettors.	21	15s	0d
15a. Twin choke Weber DCOE.45 with manifold and linkages.	41	0s	0d
16. Oil cooler kit (racing type)	14	10s	0d
17. 1 set FE.250 Sparking Plugs K.L.G.	1	16s	0d
18. Steel crankshaft pulley.	4	19s	6d
19. 4.1/2" wide base steel racing wheels (set of five)	13	15s	0d
20. 4.1/2" Magnesium wheels and studs (set of five)	69	0s	0d
21. Anti-roll bar (rear only)	7	10s	0d
22. Anti-roll bar (Racing)(rear only) for hydrolastic suspension	15	0s	0d
22a. Anti-roll bar (Sports)(Rear only) for hydrolastic suspension	7	10s	0d
23. Racing exhaust manifold and silencer system.	20	0s	0d
24. Extra fuel tank (six gallons)	10	15s	0d
25. Special fuel pump	6	0s	0d
26. Close ratio gears (square cut)	18	10s	0d
27. Racing type, leather covered steering wheel - as we supply to B.M.C. Racing and Rally Teams.	10	10s	0d
28. Armstrong shock absorbers (set of four) Please state for normal or lowered suspension)	10	12s	0d
29. Optional final drive ratios.	3	14s	0d
30. 1 set main and con rod bearings	3	18s	0d
31. 1 set lock washers	10s		0d
32. Engine run in on Test Bed for ten hours and tested, ready for installation. (petrol charged extra.)	25	0s	0d
33. Laminated screen with rubber strip.	10	4s	0d
34. Lower suspension for racing.	4	10s	0d
35. Limited slip differential.	59	10s	0d
36. Competition hydrolastic suspension units (set of four)	29	10s	0d

# CONVERSIONS

(cont). COOPER 'S' ENGINES PREPARED TO APPENDIX 'J' GROUP II AND V

If, when overhauling customers engines, etc., we find any parts which in our opinion are doubtful, these will be replaced and charged at the normal B.M.C. prices. However, in general, and if expensive items are involved, we like to contact the customer before proceeding.

Customers are welcome to come and see their engines being tested, by appointment with the Chief Engineer. We can also arrange to collect customers cars on our trailer, for a nominal charge.

### FITTING CHARGES FOR EXTRAS

No. 16		£2 10s. 0d.
No. 21		2 0s. 0d.
No. 22		6 10s. 0d.
No. 22a		2 10s. 0d.
No. 23		1 10s. 0d.
No. 24		3 16s. 0d.
No. 26		7 10s. 0d.
No. 28		2 17s. 0d.
No. 29	(if engine is out)	2 10s. 0d.
	(if close ratio gears are being fitted and engine is out)	1 10s. 0d.
No. 33		3 0s. 0d.
No. 35		10 0s. 0d.
No. 36		6 0s. 0d.

### SHIPPING DETAILS

Dimensions:	33" x 28" x 32"
Nett weight	308 lbs
Gross weight	392 lbs

ALEXANDER 1275 c.c. COOPER 'S'  
(APPENDIX 'J' GROUP II)

<u>M.P.H.</u>	<u>STANDARD</u>	<u>RALLY</u>	<u>RACING</u>
0 - 60	11.2 secs	10.0 secs	8.7 secs
0 - 70	15.4 secs	13.3 secs	12.2 secs
0 - 80	23.4 secs	18.5 secs	16.3 secs
0 - 90	34.7 secs	28.1 secs	22.0 secs
0 - 100	-	-	30.5 secs
	75 B.H.P.	95 B.H.P.	105 B.H.P.

These figures were taken by the Autocar 19.2.65

Price issue date: 13th April, 1966