

# THE COOPER CAR COMPANY LIMITED.

243, EWELL ROAD, SURBITON, SURREY, ENGLAND.

Telephones: ELMARIDOX 3346 & 9167

Directors  
C. N. COOPER  
Chairman & Joint Managing  
J. N. COOPER  
Joint Managing  
S. P. MOORE, F.C.A.  
P. S. BROOKS



Works and Service:  
HOLLYFIELD ROAD,  
SURBITON.

Your Ref.

Our Ref.

CNC:JP  
14th August 1964

Alan Curry Esq,  
P.O.Box No: 273,  
TEKUITI,  
NEW ZEALAND.

Dear Sir,

We would confirm your cable as under:-

"Request full details of modifications found necessary to 1275 Mini-Cooper after experience of 194 six hour race stop Preparing car for similar event nere October tenth would appreciate advise fuel tyre consumption permitted modifications oil grade etc stop Original letter sent BMC competitions department please read stop reply air mail to Alan Curry Box 273 TEKUITI NEW ZEALAND"

and would advise as follows:-

ENGINE. Bored 020" (Maximum for FIA Group II)

APA-649 Camshaft

12.4-1 Comp ratio

Ignition timing 6 deg BTDC Static

1½" Su H4 Carburettors BG Needles

T2 Float needles

Castor SAE 40 oil

Large oil cooler. Oil temperature guage in filter bowl.

4 Blade fan (Early 850 Mini)

Close Ratio Gears 3.7 Final drive

Rev limit 6500-6700 RPM

If flywneel has spring cone lock wasner. Discard and lock flywneel very tight and wire retaining belt to flywneel key plate.

(Flywneel lightened 4½ lbs)

contd

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## Champion N58R Plugs

### FUEL CONSUMPTION

11½-12 MPG at Brands Hatch  
13½ at Nurburgring.  
Will need oil at pit stops approxi-  
mately 1 pint per hour.

### TYRES.

About 1 hour for front at Brands Hatch  
but 2 hr 30 m at Nurburgring  
Possibly one change on outside rear  
only.  
Dunlop R6 Green Spots 500 x 10 on  
4½" rims 55 lbs front 46 lbs rear  
Nuts radiused at both ends for  
changing quickly.

### MODS to CHASSIS.

Car lowered front by shortening  
struts .250" and rear .150  
Speedwell Roll stabiliser bar fitted  
to rear suspension.  
Auxiliary fuel tank 13 galls (Total 18½  
Armstrong competition or Koni shock  
absorbers.  
Brake pads. Ferodo DS-11  
Rear shoes. VG 95 shoes  
Pressure limiting valve from standard  
850 mini should be fitted to rear  
brakes.

We trust the data furnished will meet with your requirements  
and do not hesitate to contact us if you require further inform-  
ation.

Yours faithfully,  
The COOPER CAR COMPANY LIMITED

*Margaret*  
(J.V. Foregard I.S.O.)