## 10005 of a new line



THE COMPLETELY NEW



SERIES MGA





M.G."J.4" Supercharged Racing Midget.

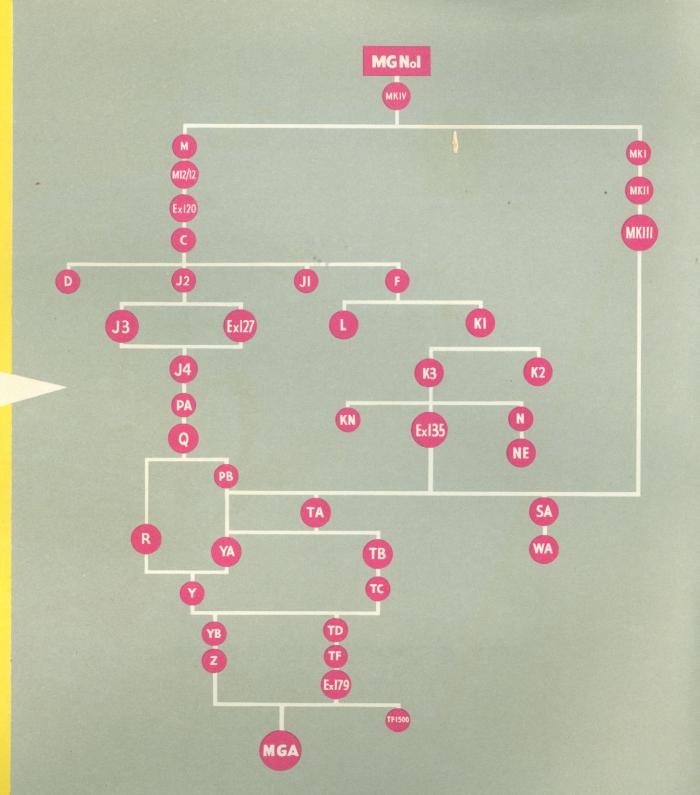
#### THE PEDIGREE



M.G. "Q type" Racing Midget.



M.G. "K.3" Magnette.





#### CHALLENGE OF

#### TOMORROW

#### ON ROAD AND TRACK

Hail and farewell! The page is turned, a new chapter is begun. But it is not without a pang of regret that we bid farewell to the last of the traditional M.G. Midgets. Time may have outmoded their familiar lines, but the long and glorious record of achievement which is theirs will remain for ever in motoring history.

This brochure introduces the first of a new line — the M.G. Series MGA — and there could be no worthier successor to the M.G. heritage. The cumulative knowledge and experience gained by M.G. in building a long line of high performance sports cars is combined in this new model with traditional M.G. craftsmanship, M.G. attributes that are as mature as sports motoring itself.

The M.G. Series MGA is a car that demands personal inspection. You must sit at the wheel . . . handle the gears . . . drive it. Only then will you appreciate how, through superb design, even the smallest part of this car adds its quota to total perfection.

THE COMPLETELY NEW



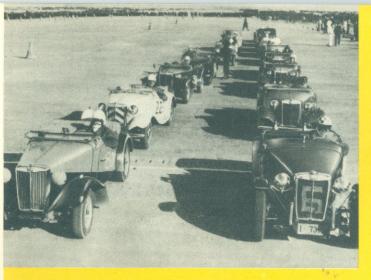
SERIES

MGA

## Success is an tradition!

### BACKGROUND

In all quarters of the globe . . . on tracks . . . in trials . . . over deserts and across mountain ranges the lionhearted M.G. has woven its magic spell. Throughout three decades its name has been synonymous with success. Scarcely a cup, prize or trophy, in the world of sports motoring has not at some time been captured by M.G.









Gathering "know how" at 150 m.p.h.

When in August 1954, George Eyston and Ken Miles cracked eight International and 29 American National Class F Records, they did more than add lustre to an already brilliant reputation. Their four cylinder M.G. Special maintained an average speed of 120.74 m.p.h. for twelve hours covering a distance of 1,450 miles and attained a speed of 153.69 m.p.h. for ten miles. This record-breaking achievement provided performance and suspension data upon which much of the design of this new M.G. was based.

but only against a very solid background of very hard facts: facts accumulated during 30 years of specialised development, facts gleaned from test benches and test trials, and facts which emerged from record-breaking performances by such world-famous cars as George Eyston's M.G. Special.

Prototypes of the MGA first appeared in public at Le Mans 1955. This was but part of an extensive proving programme which included high speed running on the M.I.R.A. track at Nuneaton, at Montlhery, on the Nurburgring and extensive testing in the Alps.

Inspiration undoubtedly played its part in the production of the M.G. Series MGA,

> PECIALISED DEVELOPMENT OVER THREE DECADES





## INTERNATIONAL CLASS RECORDS

George Eyston and Ken Miles driving an M.G. special on the Salt Lake Flats, Utah, U.S.A. in August 1954, took the following International Class F and American National Class F records.

#### INTERNATIONAL CLASS F RECORDS (1100 c.c. - 1500 c.c. Standing start)

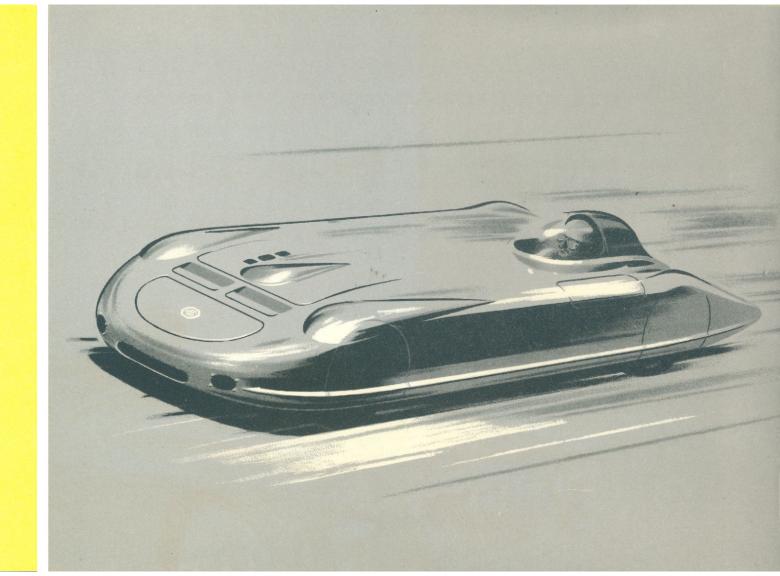
500 miles		120-30 m.p.h.	3 hours .		,	120-91 m.p.h.
1,000 kilometres.		120·92 m.p.h.	6 hours .			121-42 m.p.h.
1,000 miles .		120·13 m.p.h.	o nours .			121 12 m.p.m.
2,000 kilometres.		120·19 m.p.h.	12 hours .			120·74 m.p.h.

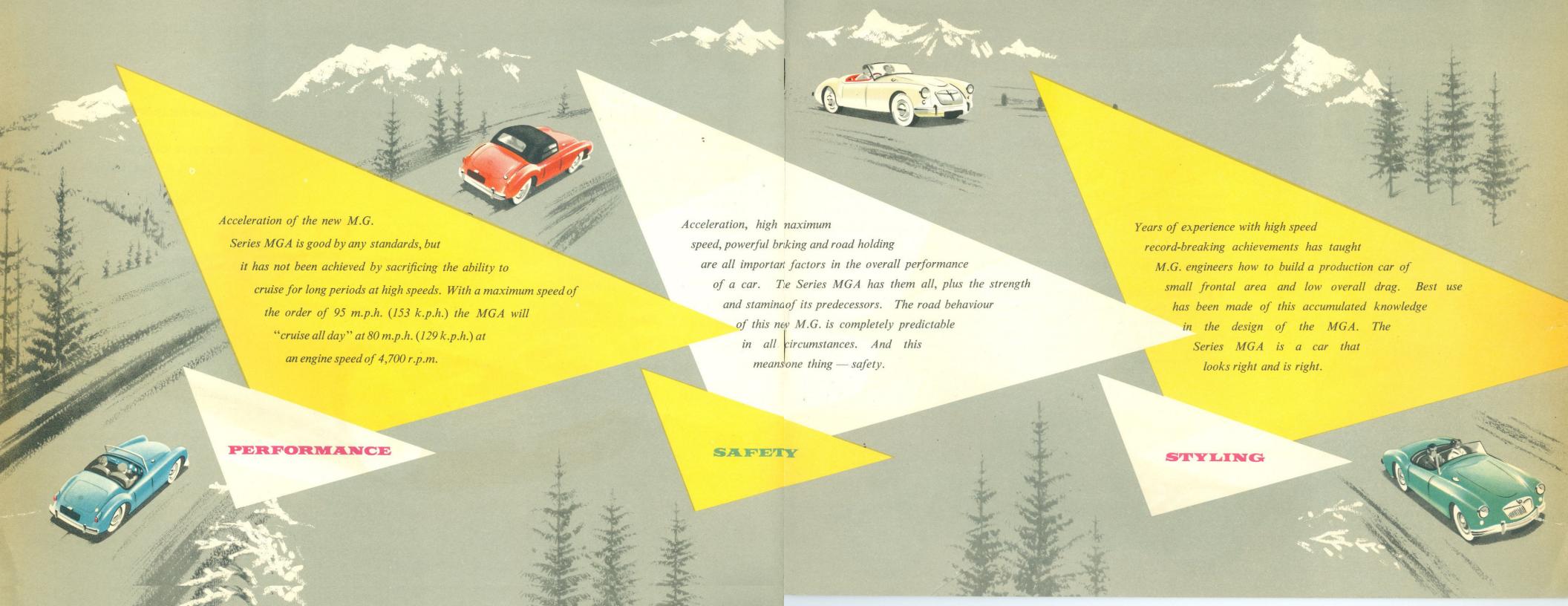
#### AMERICAN NATIONAL CLASS F (Flying start)

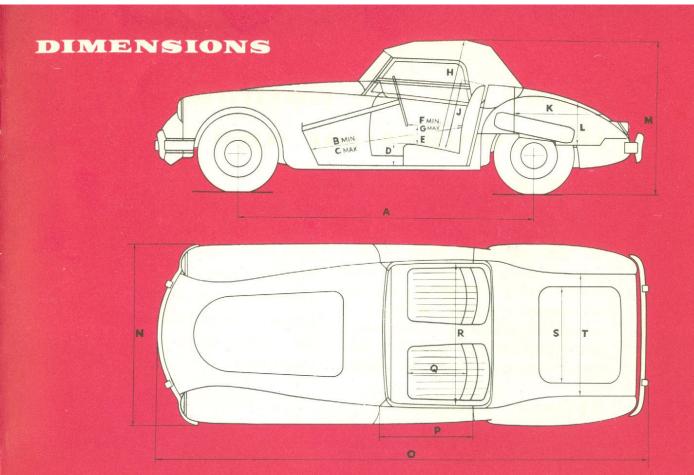
300 miles .		121·02 m.p.h.	1,000 miles .		120-30 m.p.h.
400 miles .		119.98 m.p.h.	2,000 kilometres.		120-34 m.p.h.
500 kilometres		121.08 m.p.h.	3 hours		121-38 m.p.h.
500 miles .		120-62 m.p.h.	6 hours		121-63 m.p.h.
1,000 kilometres		121·22 m.p.h.	12 hours		120·87 m.p.h.

The car covered 1449 miles in 12 hours and averaged 153.69 m.p.h. for 10 miles. A total of 37 International Class F and American
National Class F records were taken.

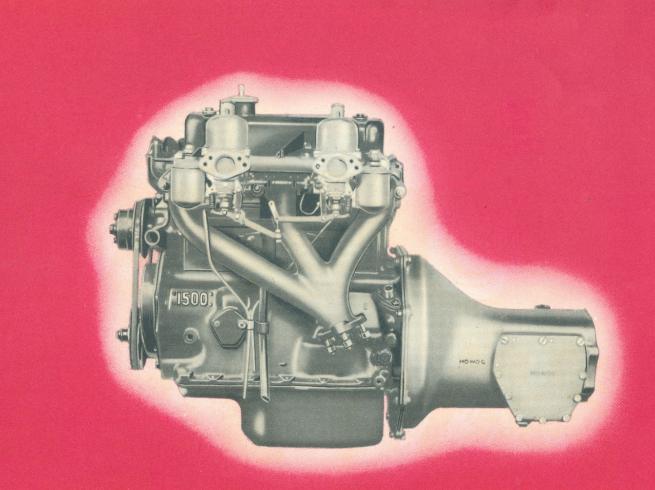
Safety fast -







<b>A</b> 94 in. 239 cm.	<b>B</b> 43½ in. 110 cm.	<b>C</b> 48½ in. 123 cm.	<b>D</b> 7 in. 18 cm.	<b>E</b> 6 in. 15 cm.		<b>G</b> 17 in. 43 cm.	<b>H</b> 37 in. 94 cm.	<b>J</b> 21 in. 53 cm.	<b>K</b> 30 in. 76 cm.	Track (front): Disc wh Wire w Track (rear): Disc wh	eels	47½ in.	(1·216 m.)
L I4 in.	<b>M</b> 50 in.	<b>N</b> 57‡ in.	O 156 in.	P. 29 in.	<b>Q</b> 18½ in.	<b>R</b> 45 in.	<b>S</b> 30 in.	<b>T</b> 39 in.	Weight 17 cwt.	Wire wi	eels	48 <sup>3</sup> in.	(1·233 m.)
36 cm.	127 cm.						76 cm.			Ground clearance		6 in.	(15 cm.)



#### POWER UNIT

The M.G. Series MGA is powered by a 4-cylinder O.H.V. engine with an internal capacity of 1489 c.c. It is fed by twin S.U. semi-downdraught carburetters, each with its own individual air filter. With a compression ratio of 8·3 to 1 it develops 68 b.h.p. at 5,500 r.p.m., and provides sparkling acceleration through the gears, really fast cruising, and top speed.

#### FEATURES

#### CHASSIS

Built to give maximum strength and rigidity and a very low centre of gravity, this new chassis has deep box-section side members. These are outswept, permitting driver and passenger to sit within the frame, and not above it. The upsweep over the rear axle is another feature of this successful design, developed for George Eyston's recordbreaking M.G., Ex 179.

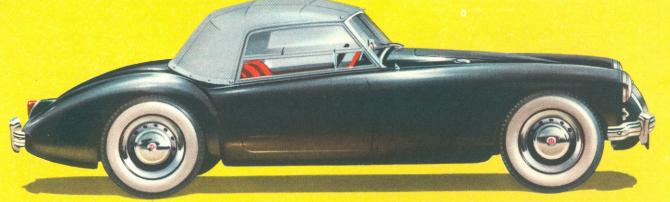
# A car for the enthusiast the competitor and the connoisseur

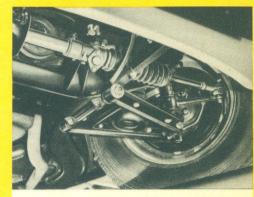
The new M.G. Series MGA has been designed not merely to provide the sports motorist with a lively, good-looking, and well-mannered roadster, but also with a car capable of putting up trophy-winning performances in the competition field. Special tuning data is being made available

to the enthusiast, and a comprehensive range of optional equipment has been prepared. This includes wire wheels, an adjustable steering column and an alternative axle ratio. The complete list of optional extras is printed below.

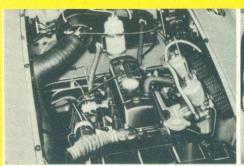
#### Optional Equipment

1. H.M.V. car radio. 2. Fresh-air heater and demister. 3. White wall tyres. 4. Adjustable telescopic steering column. 5. Wire wheels. 6. Fresh-air cockpit ventilator. 7. Alternative axle ratio of 4.55 to 1. 8. Twin horns. 9. 5.90 x 15 road speed tyres. 10. Wing mirror. 11. External luggage carrier. 12. Fog-lamp. 13. Overall tonneau cover. 14. Chrome-plated rim embellishers. 15. Radiator blind. 16. Windshield washer.





M.G. smooth riding and firm road-holding owe much to this unsurpassed system of independent front wheel suspension.



The 4-cylinder 1489 c.c. O.H.V. engine has twin semi-downdraught S.U. carburetters; each with its own individual air filter.



Designed to give maximum comfort throughout long journeys, the adjustable bucket seats are upholstered in real leather.

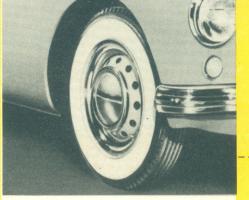


Three suitcases of average size can be accommodated in the enclosed luggage compartment, which also houses the spare wheel



The large diameter spring spoke steeringwheel gives a clear view of the 4-inch (10·2 cm.) speedometer and revolution indicator.

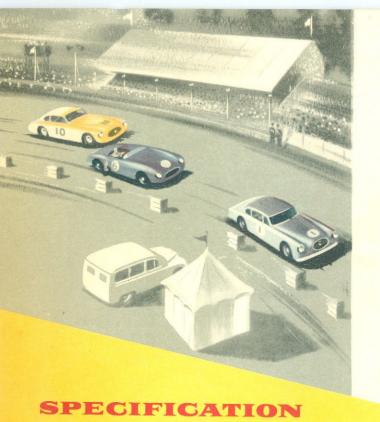




Wire wheels and white-wall tyres are available at additional cost.









**ENGINE** Four cylinders; bore 73.025 mm. (2.875 in.), stroke 89 mm. (3.5 in.), capacity 1489 c.c. (90.88 cu. in.); o.h.v. push-rod-operated; three-bearing counterbalanced crankshaft; compression ratio 8.3 to 1; b.h.p. 68 h.p. at 5.500 r.p.m.; cooling by water pump and fan with thermostatic control; forced-feed engine lubrication by eccentric rotor pump; external renewable element fullflow oil filter; oil capacity 7 pints (4 litres); filler on valve cover; aluminium alloy pistons with one scraper and three compression rings; 14 mm. sparking plugs; pressed-steel sump.

FUEL SYSTEM Twin S.U. semi-downdraught carburetters with individual air cleaners: rearmounted S.U. electric high-duty fuel pump; tank capacity 10 galls. (45 litres); fuel gauge on facia.

**ELECTRICAL EQUIPMENT** Ignition by 12-volt oil-filled coil and fully automatic distributor with vacuum and centrifugal advance control; suppressor equipment; belt-driven dynamo; compensated voltage control; single-pole positive earth wiring system; dash-controlled starter switch; twin-blade self-parking windshield wipers; twin stop-tail-lamps with flashing direction indicators and rear reflector equipment; double dipping headlamps with pre-focused bulbs, and block lenses; foot-operated dipping switch; separate sidelamps; twin Lucas batteries mounted in balanced positions behind seats.

CHASSIS Exceptionally sturdy box-section frame, specially braced for torsional rigidity; rear end of chassis swept over rear axle.

TRANSMISSION Hydraulically operated single dry plate Borg and Beck clutch; 8 in. (20 cm.) diameter; four speeds and reverse; synchromesh on second, third and fourth. Overall gear ratios: first 15.652, second 9.520, third 5.908, top 4.3, reverse 20.468. Central remote-control gear change. Tubular propeller shaft with needlebearing universal joints.

**AXLE** Three-quarter-floating rear axle with hypoid final reduction gears; ratio 4.3 to 1; semielliptic rear springs controlled by hydraulic dampers. Independent front suspension by coil springs and wishbone-type links controlled by hydraulic dampers.

STEERING Direct rack-and-pinion steering with large-diameter spring-spoke clear-view steering wheel; left or right-hand steering according to market.

BRAKES Lockheed hydraulic fully compensated on all four wheels; 10 in. (25.4 cm.) diameter brake-drums; central hand-brake lever with pressbutton ratchet control.

TYRES AND WHEELS Dunlop 5.60 — 15 tyres on 4.00J x 15 well-base disc-type wheels with four-stud fixing.

INSTRUMENTS Large speedometer with deadbeat reading and headlamp high-beam warning lamp; large revolution indicator with ignition

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warning light; oil pressure gauge; water temperature gauge; fuel indicator gauge; ignition switch; rheostat panel light switch; mixture control; map-reading light; direction indicator switch and warning light; lighting switch.

BODY DETAILS Open two-seater streamlined body with enclosed luggage boot; adjustable bucket-type seats with cushions and backs covered in leather; door pockets; safety glass windshield: folding waterproof hood with large rear transparent panel; two detachable sidescreens with combined stowage and hood cover; driving mirror centrally situated; spare wheel, tools, jack and starting handle housed in rear boot; quickrelease petrol filler cap; remote-control locks for bonnet and luggage boot lid; one-piece bonnet hinged at rear, giving easy access to engine unit.

#### Colours \*

- Black with red or green upholstery. Hood material ice blue or black.
- Orient red with red or black upholstery. Hood material black.
- Tyrolite green with grey or black upholstery. Hood material ice blue.
- Glacier blue with grey or black upholstery. Hood material ice blue.
- Old English white with red or black upholstery. Hood material black.



#### CONDITIONS OF SALE

WARRANTY The goods sold by Nuffield Exports Limited (hereinafter called "the Company") are supplied with the following express Warranty of the Manufacturer which excludes all warranties, conditions and liabilities whatsoever implied by Common Law Statute or otherwise:-

- 1. For the purpose of this Warranty the term "goods" means and includes new cars or chassis or parts thereof, including replacement parts made by the Manufacturer. It does not include tyres, speedometers, or electrical equipment, or proprietary articles or goods (including coachwork) not of the Manufacturer's own manufacture although supplied by the Company for which no Warranty is given by the Manufacturer or is to be implied.
- 2. For a period of SIX MONTHS from the date on which a new car is delivered to the first owner-user thereof the Manufacturer will exchange or repair any part or parts thereof which needs or need replacing or repair by reason of defective material or defective workmanship.
- 3. The Manufacturer will not be responsible for any expense which the purchaser may incur in removing or having removed or in replacing or having replaced any part or parts to be sent for inspection or in fitting or having fitted any new parts supplied in lieu thereof.
- 4. No claim for exchange or repair can be considered unless the person claiming:-
  - (a) Immediately upon discovery of the alleged defect returns the part or parts complained of carriage paid to the Company's Distributor in the territory in which the car was purchased.
  - (b) Sends therewith particulars of the chassis or question as shown on the Manufacturer's identification plate.
  - the reasons therefor, stating in such particulars tributor or the Manufacturer.

- the date of the purchase and the name and address of the person or firm from whom the car was bought.
- (d) Refers to this Warranty.
- 5. This Warranty shall not apply to:-
  - (i) For hiring out.
  - (ii) For competitions, racing and/or record attempts.
  - (iii) For any purpose other than the private or genuine commercial use of the owner-user.
- (b) Any part which in the opinion of the Manufacturer has been injured by wear and tear, neglect or any form whatsoever of improper
- (c) Any car the identification numbers or marks of which have been altered or removed.
- (d) Any goods which have been altered outside the Manufacturer's works or to which any part not sold or approved by the Manufacturer has been affixed.
- (e) Any second-hand car or part or parts thereof. (f) Any part or parts of a chassis to which a body
- which in the opinion of the Manufacturer is unsuitable has been fitted. 6. The responsibility of the Manufacturer is limited
- to the terms of this Warranty and it shall not be answerable for personal injuries or consequential or resulting liability, damage or loss arising from any defects. 7. The judgment of the Manufacturer in all cases of
- claims shall be final and conclusive and the purchaser shall accept its decision on all questions as to defects car number and engine number of the car in and the exchange of part or parts. After the expiration of twenty-one days following despatch of notification of the Company's decision the part or parts submitted may (c) Sends also full particulars of the claim and be scrapped or returned carriage forward by the Dis-

#### CONDITIONS OF SALE All new plying with the requirements of the country to which the chassis and parts thereof or other products supplied by Nuffield Exports Limited (hereinafter referred to as "the Company") are sold subject to but with the benefit of the Conditions of Sale hereinafter set forth.

- 1. WARRANTY. The Warranty as reproduced herewith shall be deemed to be incorporated in these Conditions; to the intent, in the case of a sale by a Distributor or Dealer or a member of the motor trade, that he shall pass on the benefit of the Warranty to his purchaser, who shall be subject to its provisions.
- 2. REPRESENTATION. Such provision of the benefit of the Warranty shall not create any privity of contract between the Company and the purchaser and every Distributor or Dealer or member of the motor trade contracts as a principal and not as an agent, and has no authority to give any warranty or make any representation or otherwise act on behalf of the Company.
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- 4. CUSTOMS LAWS AND REGULATIONS. The Company will endeavour to comply at all times with the various Customs laws and regulations and import and currency restrictions of the countries to which its cars and chassis and parts are shipped, but shall not be responsible for penalties resulting from invoices or shipping or consular or other documents or the packing contract or agreement to which these Conditions shall

shipment has been made or for delays in receipt by the customer or his agents of shipping or other documents.

- 5. ALTERATIONS IN PRICES AND CONDI-TIONS OF SALE. The Company's prices and Conditions of Sale may be altered at any time without notice. and all cars and chassis and parts therefor and other products are sold subject to the prices and Conditions of Sale ruling at the time of delivery. In the event of increase of price the purchaser may cancel his order in writing within seven days of receiving notice of increase, except where this increase of price arises from differences in the rate of exchange for which the Company can take
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- 7. EXHIBITIONS AND COMPETITIONS. No car or chassis or part or other product shall be exhibited at any exhibition or show or entered for or permitted to take part in any trial or race without the written approval of the Company. Anyone who commits or allows a breach of this Condition renders himself liable to indemnify the Company for any penalty it may incur.
- 8. DIRECT ORDERS. The Company may allocate any order placed direct with it to its Distributor or Dealer in the appropriate territory.
- 9. ENGLISH LAW. These Conditions and any or specifications of its cars or chassis or parts not com-





### PROFILED FOR PERFORMANCE

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