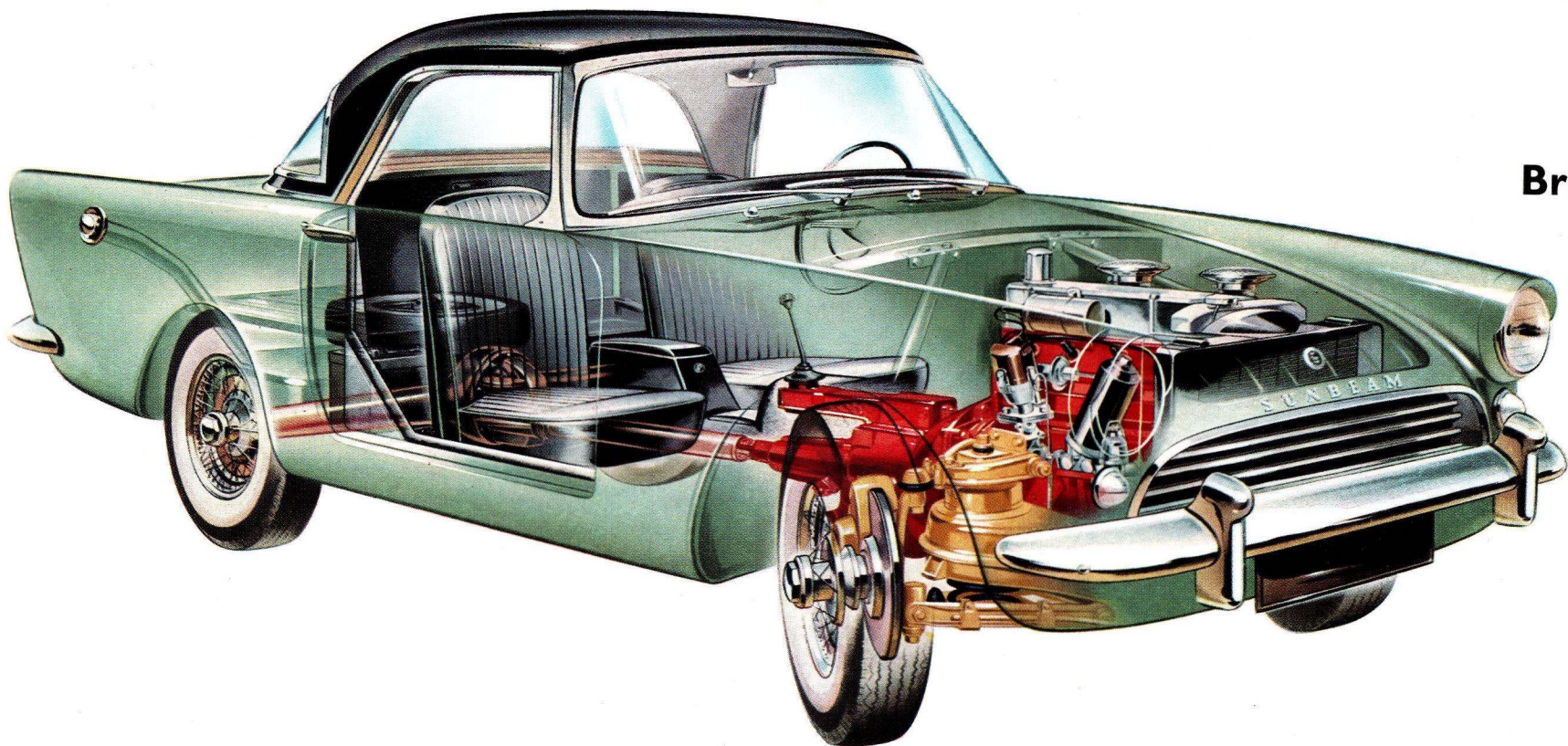


SUNBEAM ALPINE

now with larger 1.6 litre engine

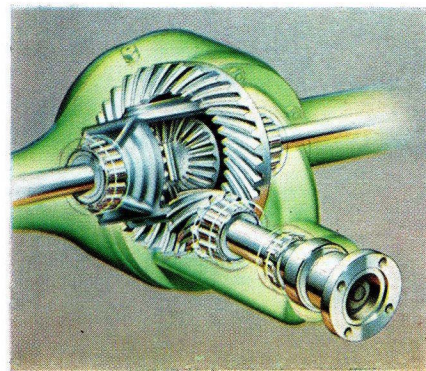
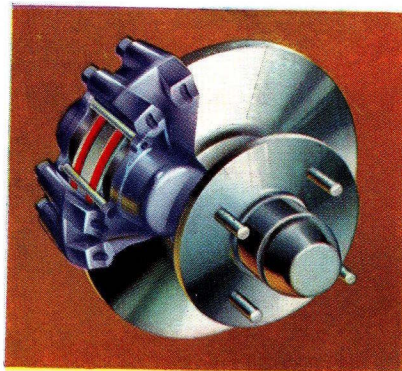
ENGINEERING FE

Bri



Girling front disc brakes combine with large-diameter drums on rear wheels to form an extremely efficient braking system consistent with the high speeds of the Sunbeam Alpine. Anti-fade and effective under all road conditions, disc brakes are self-adjusting and easy to service.

Right: The hypoid final drive unit, with semi-floating hubs, has a ratio of 3.89 : 1. High torque capacity and built-in rigidity ensure quiet operation at all speeds.



FEATURES THAT ARE UP-TO-DATE FOR YEARS TO COME

**Brilliant 1·6-litre Power Unit for speeds of 100 m.p.h.
Vivid acceleration, superb performance,
with reliability and economy**

*Aluminium cylinder head with high compression
ratio of 9.1:1*

*Twin downdraught carburettors and
inclined overhead valves*

*Front disc brakes—freedom from fade
and extra safety*

Special four-speed close ratio gear box

*Overdrive on top and third gears
available as an extra*

Special cross-flow radiator

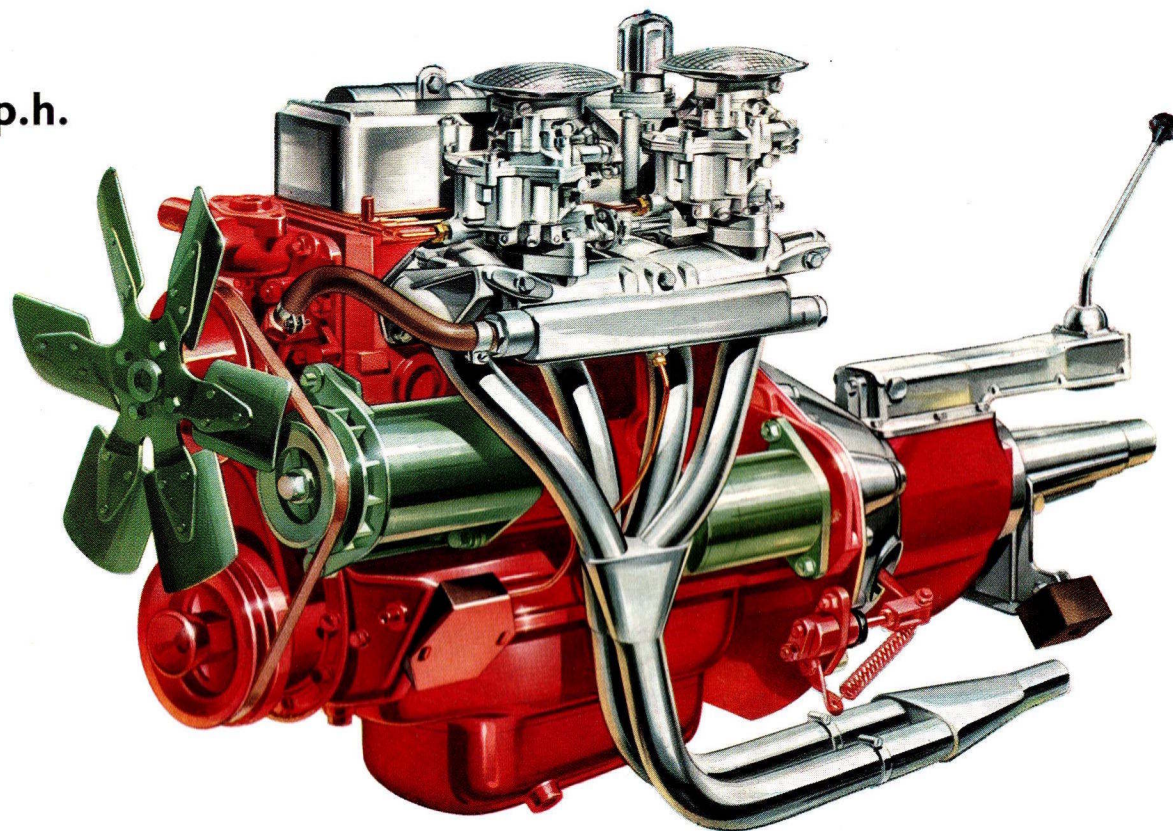
High efficiency steering

Hypoid rear axle

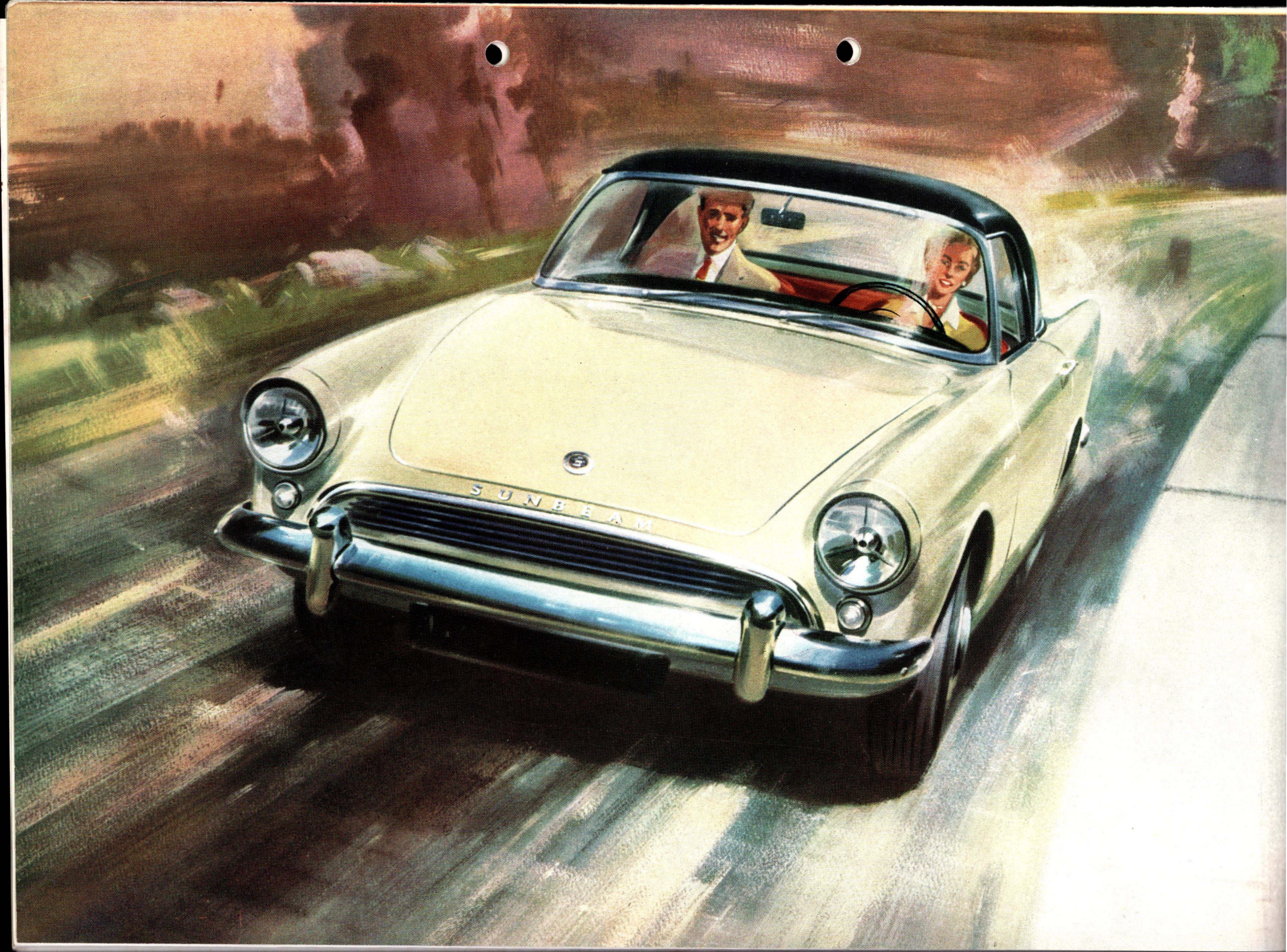
*Exceptional road-holding, cornering
and suspension*

Unitary construction for greater strength

Adjustable foot pedals for easier control



Built to give sparkling sports performance, the larger 1·6 litre power unit speaks for itself in vivid acceleration, surging power, reliability and economy. An aluminium cylinder head of entirely new design promotes greater thermal efficiency to match the high compression ratio of 9·1:1. Developing 85·5 b.h.p. at 5,000 r.p.m., this superb engine with increased power and torque provides road speeds of 100 m.p.h. (160 k.p.h.). A special arrangement of the inclined overhead valves affords a marked improvement on the conventional line-up and ensures better heat distribution. Twin downdraught carburettors, each fitted with a sports-type combined air cleaner, plus twin exhaust manifolds specially designed for this engine, give crisper, livelier overall performance; to complete the efficiency of the exhaust system, improved silencers have been adopted which effectively reduce engine noise to a minimum. Other engine features include a high tensile steel crankshaft for added strength and unusually rigid cylinder block for smoother running and longer engine life.



A red Sunbeam Alpine convertible is shown driving on a bridge that spans a deep gorge. The bridge has a series of arches and is surrounded by steep, rocky cliffs. A waterfall is visible on the left side of the bridge. The car is positioned on the left side of the bridge, facing right.

SLEEK...

SWIFT...

SPECTACULAR

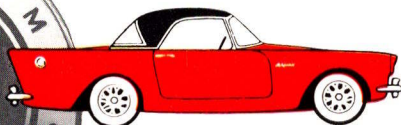
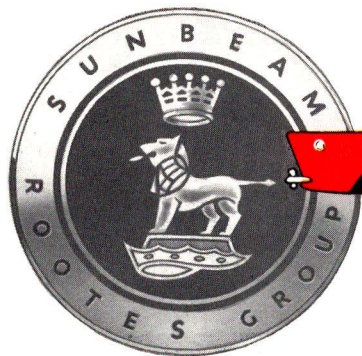
Here in the spectacular Sunbeam Alpine is something 'very special' in sports cars. Born of precision engineering skill and design, plus traditional Sunbeam craftsmanship and quality, this brilliant newcomer has captured in one short year the interest and imagination of the motoring world. Its sleek lines of sheer beauty engage the eye; its spirited performance reaches with ease the 100 m.p.h. mark. The driver of the Sunbeam Alpine commands one of the most exclusive, stylish and easy-to-control high speed touring cars of all time. There's everything to recommend it for performance: a powerful 1.6 litre engine, the security and assurance of front wheel disc brakes, an improved suspension system, giving greater lateral stability and exceptional road-holding capacity. For relaxed driving, there's a full range of easy-view instruments, fully-adjustable seats, the unique adjustable control pedals that give a really tailor-made driving position. Every luxury and comfort, every modern feature—they're all here in the rally-bred Alpine.

Normal touring trim or special hard top conversion.

Fitted with front disc brakes.

Available with overdrive on top and third gears.

A small car is shown driving on a bridge that spans a deep valley. The bridge has a series of arches and is surrounded by steep, rocky cliffs. The car is positioned on the right side of the bridge, facing left.



SPECIFICATION OF THE SUNBEAM ALPINE

ENGINE Four cylinder unit with push rod operated inclined overhead valves. Twin Zenith downdraught carburettors fitted with separate air cleaners; four rubber mountings absorb vibration.

Bore and Stroke: 3.21 x 3.0 in. (81.5 x 76.2 mm.).

Cubic Capacity: 97.1 cu. in. (1,592 c.c.).

Engine develops maximum B.H.P. 85.5 at 5,000 r.p.m. with a compression ratio of 9.1 : 1. For certain overseas territories the ratio is 8.5 : 1.

IGNITION Coil and distributor. Centrifugal and vacuum control of ignition timing. Champion N5 sparking plugs.

COOLING SYSTEM Centrifugal pump and six bladed fan. Thermostatic control for quick warm up. Special cross flow radiator, with separate expansion tank.

CLUTCH 8 in. (203 mm.) Borg and Beck single dry plate. Hydraulic operation from pendant pedal.

GEARBOX Four forward speeds and reverse with control ring synchromesh on top, third and second. Centre floor gear change lever. Overall ratios: Top 3.89 : 1, third 5.413 : 1, second 8.324 : 1, first 13.013 : 1, reverse 16.483 : 1.

REAR AXLE Semi floating design, with hypoid final drive. Axle ratio is 3.89 : 1.

UNITARY CONSTRUCTION of chassis and body of entirely new design includes an 'X' bracing and gives exceptional strength and rigidity with light weight, and low centre of gravity.

FRONT SUSPENSION Fully independent front wheel suspension employing silico manganese coil springs and swinging links. Thick

rubber pads between springs and abutments minimize the transfer of noise and vibration. Telescopic shock absorbers housed down the centre of the coil springs.

A torsion bar sway eliminator is fitted between the suspension lower links.

REAR SUSPENSION Semi elliptic leaf springs. Double acting lever arm, hydraulic shock absorbers maintain adequate control.

STEERING Burman recirculating ball type with three-piece symmetrical track rod linkage. Steering wheel has two sprung spokes and chromium plated horn ring.

BRAKES Girling 9½ in. (241 mm.) diameter disc brakes front with a friction lining area of 20½ sq. in. (132.9 sq. cm.) 9 in. (229 mm.) diameter brake drums rear having a lining area of 60 sq. in. (387.1 sq. cm.). Handbrake operates mechanically on the rear wheels, the lever being at the side of the driver's seat.

PETROL TANK 9 Imp. gallon (41 litres) capacity positioned below luggage compartment floor.

WHEELS Five pressed steel wheels with cooling apertures and fitted with polished nave plates. Spare wheel held horizontally below luggage compartment floor. Each wheel has a rimfinisher.

TYRES Tubeless cushion 5.60 x 13 in.

ELECTRICAL SYSTEM 12 volt 38 amp. hour battery housed under the occasional seat; starter operated through a solenoid from a switch on the fascia; Lucas ventilated dynamo with compensated voltage control; two powerful double dip headlamps with foot dipper control; separate sidelamps; built in twin stop/tail lamps and reflectors; self cancelling flashing indicators controlled by lever on

steering column; flood lighting of instruments; twin wind-tone horns; rear number plate illumination lamp; self parking windscreen wipers; warning lights for ignition, main beam and direction indicators.

INSTRUMENTS Speedometer with trip and mileage recorder, revolution counter, oil gauge, thermometer and fuel gauge.

WEIGHTS (Approx.):

Unladen (with petrol and water) 2165 lb. (982 kg.)

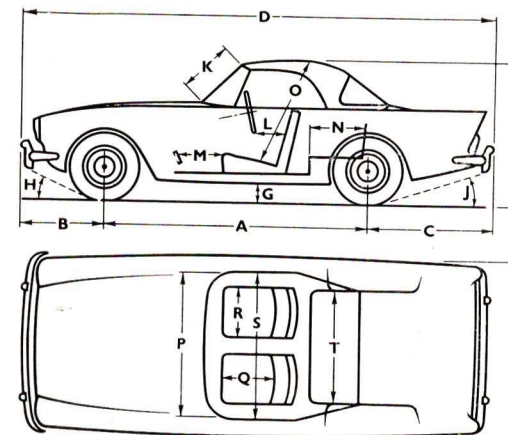
Dry (without petrol and water) 2082 lb. (944 kg.)

COLOUR SCHEMES Carnival Red with Black upholstery. Moonstone with Scarlet upholstery. Wedgwood Blue with Black upholstery. Seacrest Green with Black upholstery. Lake Blue with Lake Blue upholstery. All Soft Tops and Hard Tops are Black.

OPTIONAL EXTRAS The following optional extras are available ex factory at extra cost and can only be specified at the time of placing the order.

Smiths Radiomobile or Ekco Radio; Heating and Ventilating equipment; Overdrive; Centre locking wire wheels; White-wall tyres; Road speed tyres; Road speed white-wall tyres; Hard Top; Tonneau Cover.

SPECIAL ACCESSORIES (available at extra cost). A very full and attractive range of Special Accessories is available. Full details may be obtained from your Rootes Dealer.



DIMENSIONS

A	Wheelbase	...	...	...	86 in. (2.184 m.)
B	Front overhang	...	...	...	27½ in. (0.705 m.)
C	Rear overhang	...	...	...	41½ in. (1.054 m.)
D	Overall length	...	...	...	155½ in. (3.943 m.)
E	Overall width	...	...	...	60½ in. (1.537 m.)
F	Overall height	...	...	...	51½ in. (1.308 m.)
G	Ground clearance	...	...	...	5½ in. (0.130 m.)
H	Front clearance angle	...	...	...	25°
J	Rear clearance angle	...	...	...	20°
K	Windscreen depth	...	...	...	16 in. (0.406 m.)
L	Steering wheel to front squab (Min.)	...	...	...	12 in. (0.305 m.)
	(Max.)	...	...	...	19 in. (0.483 m.)
M	Pedals to seat cushion (Min.)	...	...	...	15½ in. (0.394 m.)
	(Max.)	...	...	...	24 in. (0.610 m.)
N	Rear seat depth	...	...	...	16½ in. (0.419 m.)
O	Front headroom	...	...	...	36 in. (0.914 m.)
P	Windscreen width (projected)	...	...	...	47 in. (1.194 m.)
Q	Front seat depth	...	...	...	19½ in. (0.502 m.)
R	Front seat width	...	...	...	19½ in. (0.495 m.)
S	Maximum interior width	...	...	...	47 in. (1.194 m.)
T	Rear seat width	...	...	...	38½ in. (0.978 m.)
	Turning circle	...	...	...	34 ft. (10.363 m.)
	Front track	...	...	...	51 in. (1.295 m.)
	Rear track	...	...	...	48½ in. (1.232 m.)

EXPORT **ROOTES** DIVISION

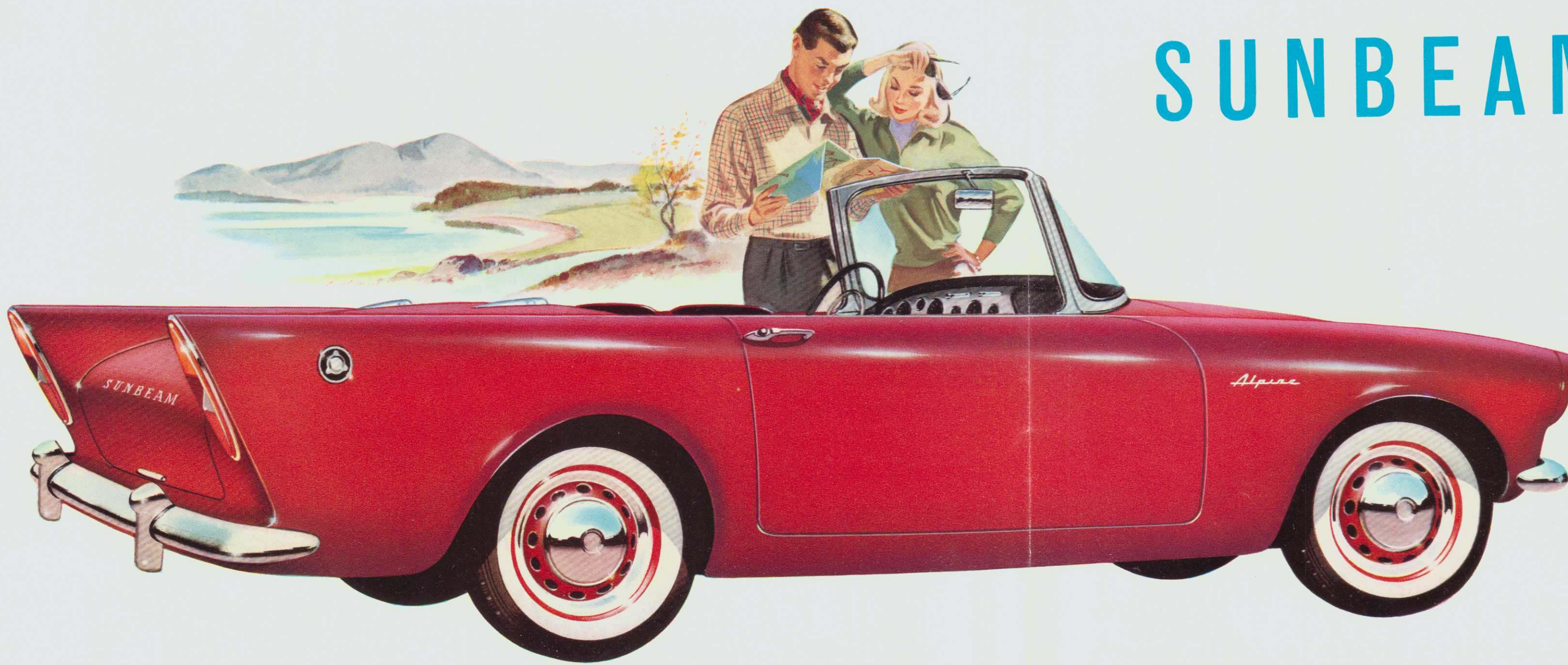
DEVONSHIRE HOUSE · PICCADILLY · LONDON, W.1

The Company reserves the right to alter any prices or specifications at any time, without notice, and all goods are sold subject to prices and Conditions of Sale ruling at the time of delivery.

ROOTES
SERVICE

Sales and Service
in 163 Countries.

SUNBEAM ALPINE

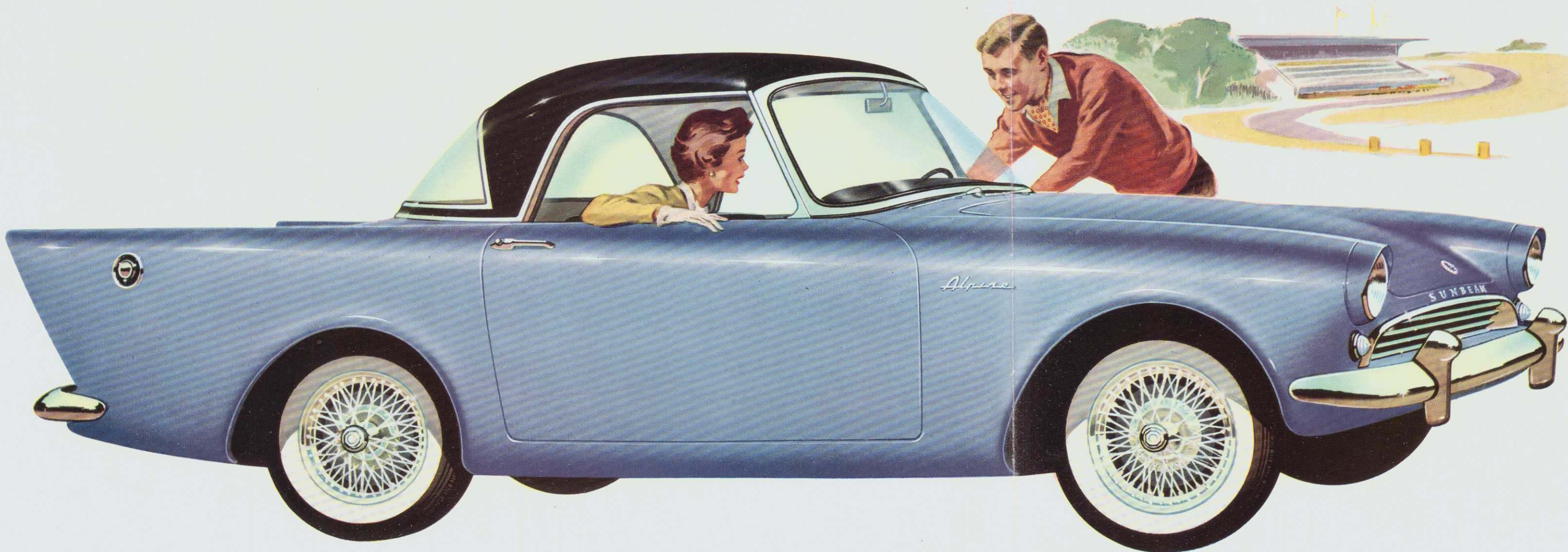


A ROOTES PRODUCT

SOFT TOP With its elegance of line and style, the Sunbeam Alpine successfully displays a new flair in progressive modern design. Shown, left, is the standard soft top model. The ultra-smart, distinctive front-end treatment has wrap-round bumpers and the cowled headlamps are styled into the wings. The soft top stows neatly away to reveal the swift, clean-cut body lines sweeping gracefully from the low, sharply sloping bonnet to the tailfins which form an integral part of the new design. In adverse weather, the top can be raised and quickly fixed in position with full weather protection and freedom from draughts by means of detachable hood cant rails and chrome window glass support rails on the doors.



SUNBEAM'S CROWNING ACHIEVEMENT IN SPORTS CAR PERFECTION

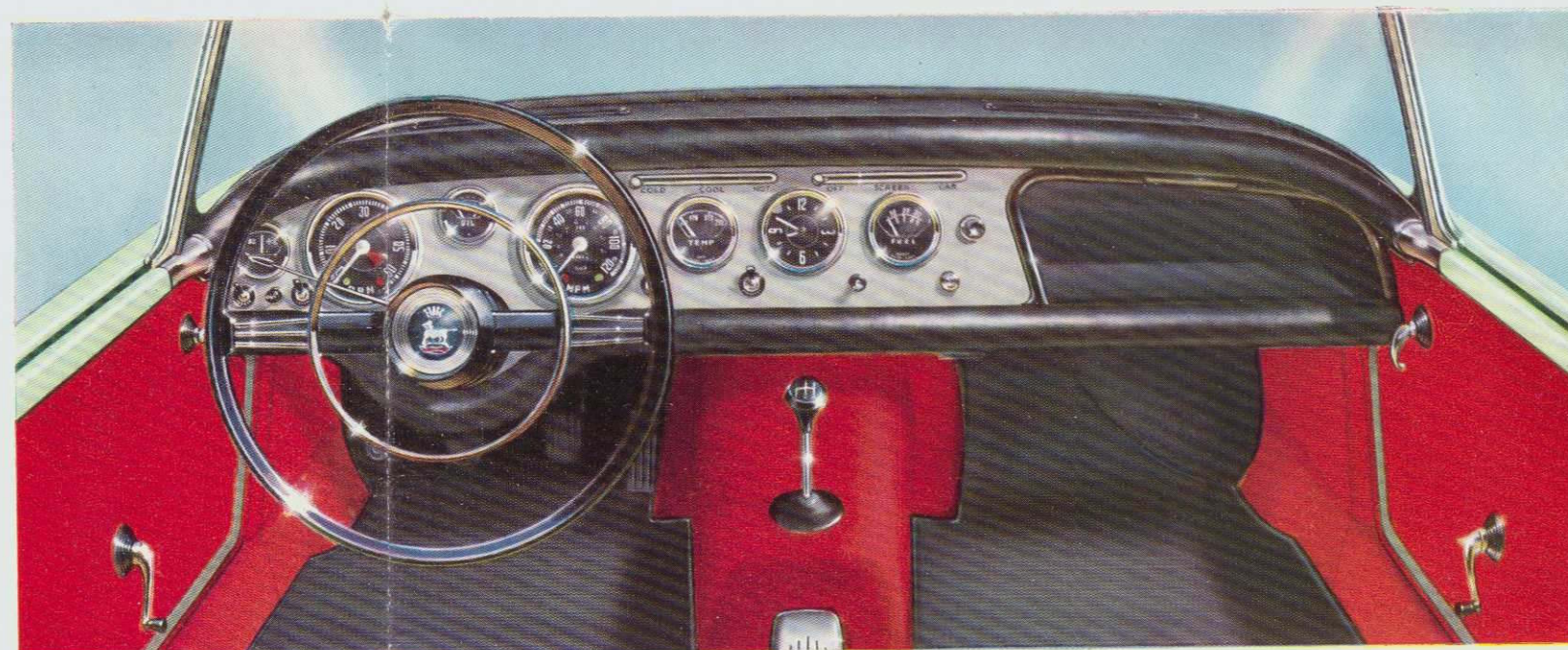


White-wall tyres, wire wheels and hard top are available as extras

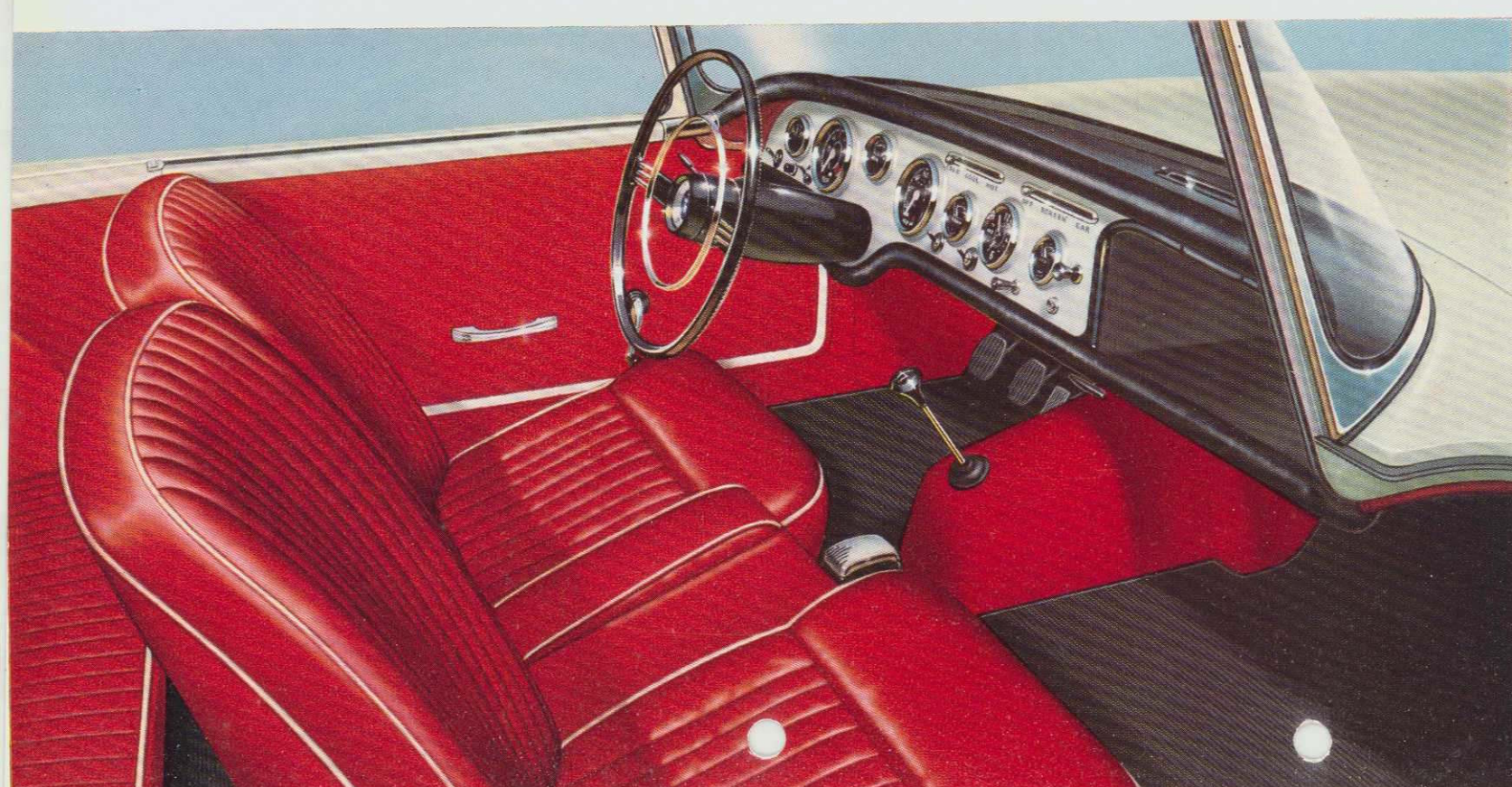
HARD TOP You can have your Sunbeam Alpine with a detachable hard top, at moderate extra cost. Now you have all the amenities of saloon car motoring, yet the model is as dashing as ever – certain to excite attention wherever it appears. No less important – you can still enjoy open-car visibility. The backlight in the hard top is fully wrapped-round, designed for extra safety. Other additional equipment, available on both models, as optional extras, includes overdrive, centre lock wire wheels and special road speed tyres. Yes, for sporting events, touring or business travel, there's a thrilling touch to this Sunbeam Alpine... a newness that is miles above the commonplace.

COMFORTABLY IN COMMAND

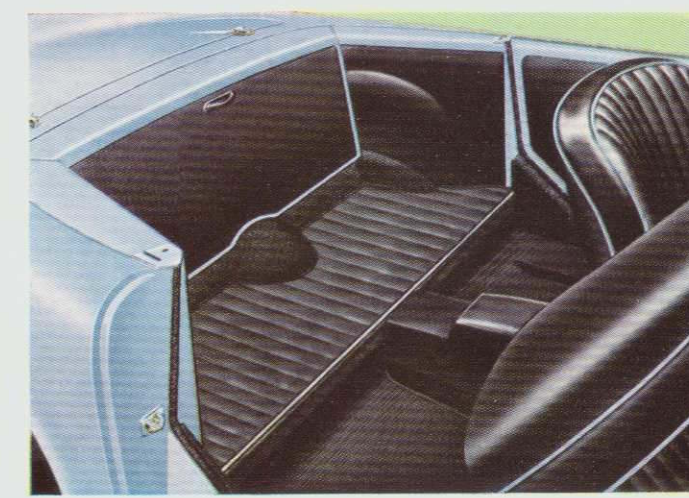
Here in this superbly designed and spacious interior, driver and passenger are surrounded by generous comfort. Before you is an impressive array of instruments, conveniently grouped for quick reading at speed and mounted in a smart fascia panel finished in grey – everything arranged for perfect handling ease. The two-spoke steering wheel, ideally situated, is sprung and gives finger-light response. This, plus wide range of seat movement and unique adjustable foot pedals offers a driving position that is tailor-made. There is a new clutch, specially introduced to cater for the higher powered engine. It is fitted with a hydrostatic slave cylinder that automatically takes up any play and removes the need for clutch adjustment. Wide individual seats, specially formed and cushioned for maximum comfort, hold you well when taking sharp bends. The interior trim is styled with elegance – finished throughout with the quality craftsmanship that has made Sunbeam famous.



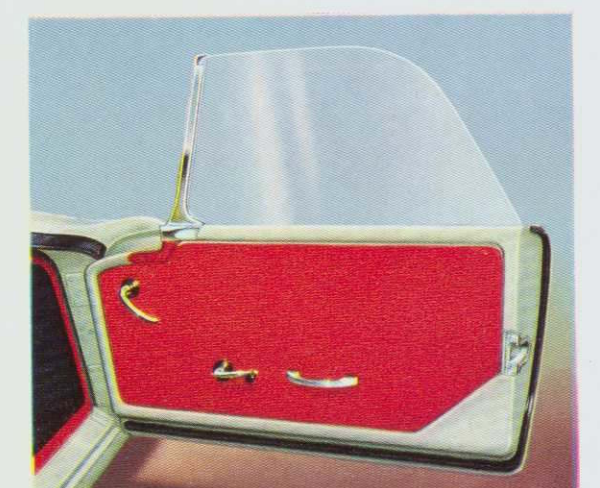
A short centre-floor gear lever is fitted for quick, deft changes. Instruments are a rev. counter, speedometer and separate water temperature, oil and fuel gauges. Provision is made for clock, ammeter and cigarette lighter as extras. A new feature is the fitted interior light, placed above the cubby box in the fascia for easy map reading at night. Ignition, main beam and flashing indicator warning lights are set into the rev. counter and speedometer. Below the instruments are controls for panel light, lamps and windscreen wipers, while padded rolls along the upper and lower edges of the fascia provide extra safety.



A padded armrest-locker – readily accessible between driver and passenger – provides a convenient lock-up compartment for small articles such as maps or cigarettes. Mounted on the floor in front is an ashtray.



In the rear, a full-width occasional seat suitable for children or extra luggage. Hinged back and side panels of great strength conceal the hood supports and protect the soft top from dirt or damage. They also preserve the smooth, sleek lines when the top is retracted. Luggage accommodation is generous. The lid has a slam-type lock, is spring assisted. In the spare wheel compartment, ample room for tools and competition equipment. The stream-styled rear fins house three-in-one lamp clusters, comprising flashing indicators, stop lights, rear lights and reflectors.



Wide-opening doors, a convenient step-down floor and easy to operate wind-down side windows are among the many features that make this model so inviting. Interior trim is tastefully styled, while special anti-draught treatment protects you at all speeds, in all weathers.