

RELEASE

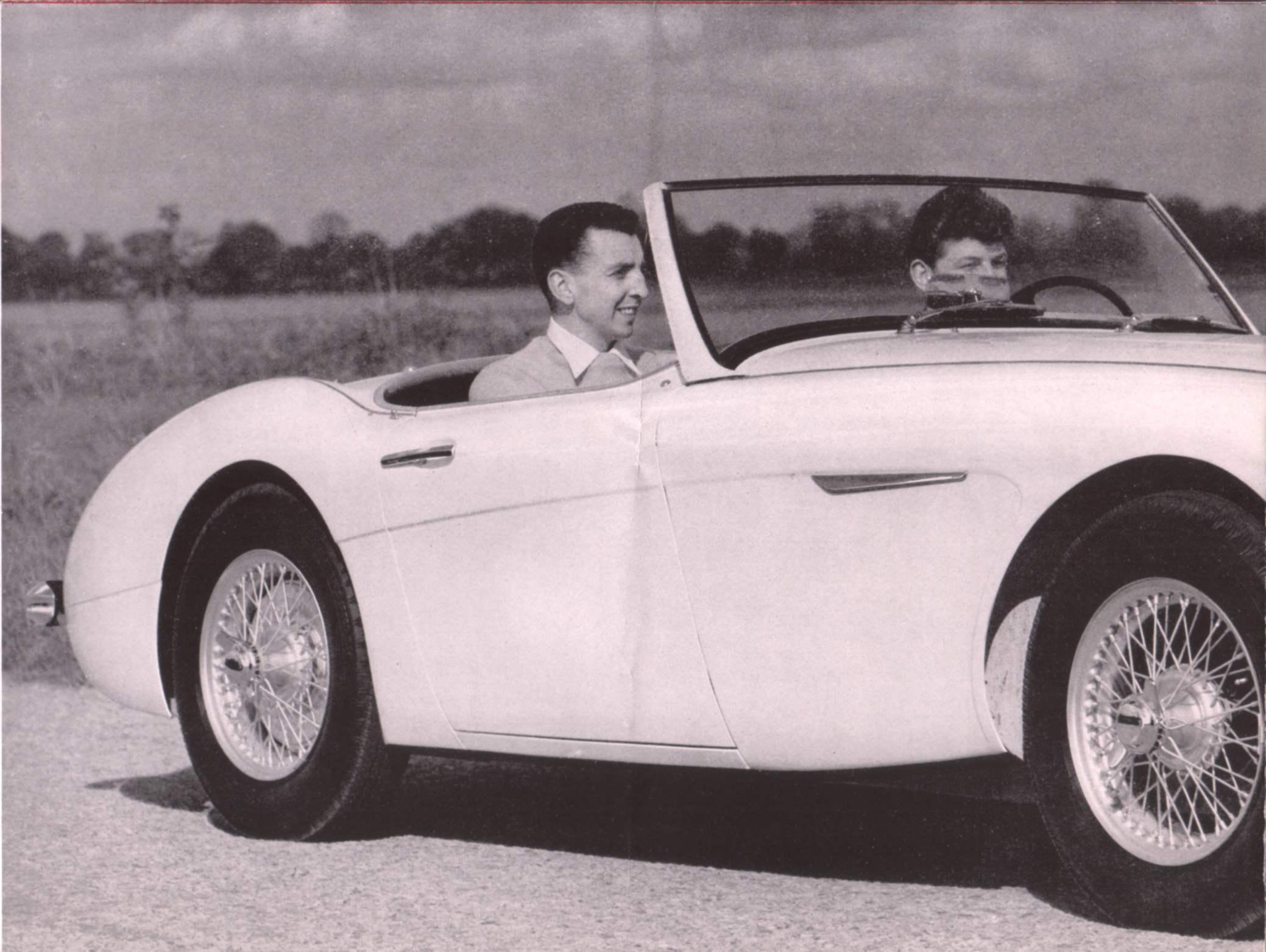
PRELIMINARY

SPECIFICATION



CONFIDENTIAL UNTIL OFFICIAL

AUSTIN-
OF THE NEW HEALEY
"3000"





MORE POWER

for the new

AUSTIN-HEALEY

“3000”

with the 2.9 Litre Engine



LEADING DIMENSIONS

Wheelbase	..	..	..	..
Track—Front	..	..	..	..
Track—Rear	..	..	..	..
Overall Length	..	..	..	..
Overall Width	..	..	..	..
Overall Height (hood raised)	..	..	..	..
Overall Height (hood lowered)	..	..	..	..
Turning Circle	..	..	..	..
Ground Clearance	..	..	..	..
Weight (with tools, spare wheel and wheels)—2-seater	..	..	..	..
—4-seater	..	..	..	..
Weight (with overdrive and wire wheels)	..	..	..	..
2-seater	..	..	..	..
4-seater	..	..	..	..

*FOUR-SPEED or
OVERDRIVE GEARBOX*

OCCASIONAL FOUR-SEATER

or TWO-SEATER SPORTS

FT. INS.

METRIC

7	8	2.34 m.
4	0½	1.24 m.
4	2	1.27 m.
13	1½	4.00 m.
5	0½	1.54 m.
4	2	1.24 m.
3	10	1.17 m.
35	0	19.67 m.
	4½	0.11 m.

2381 lb.	1080 kg.
2375 lb.	1077 kg.

2408 lb.	1092 kg.
2393 lb.	1085 kg.



SPECIFI

ENGINE

In line, water cooled, overhead-valve, 6 cylinders. 4 bearing counter balanced crankshaft.

Bore	3.282 in. (83.36 mm.)	Compression Ratio	9.03 to 1
Stroke	3.5 in. (89 mm.)	Maximum B.H.P.	124 at 4,600 r.p.m.
Cubic Capacity ..	177.7 cu. in. (2912 c.c.)	Maximum B.H.P. (Gross)	130 at 4,750 r.p.m.
		Maximum Torque	175 lb. ft. at 3,000 r.p.m.

Fuel System : Twin S.U. semi-down draught carburettors, type HD6. S.U. electric fuel pump, twin "pancake," air cleaners, petrol tank capacity 12 gallons (54.6 litres), fuel filter in pump and fuel tank.

Lubrication System : Full pressure with wet sump ; internal gear type pump driven by camshaft ; full flow external oil filter ; gauze in sump ; sump capacity approximately 12 pints (6.8 litres).

Ignition System : 12 volt coil and distributor with automatic and vacuum control.

Cooling System : Pressurised radiator with pump, fan and thermostat ; capacity approximately 20 pints (11.37 litres).

Transmission :

Clutch : Single dry plate, 10in. (0.25 m.) diameter.

Gearbox : Ratios : Reverse 3.78 ; First 2.93 ; Second 2.053 ; Third 1.309 ; Top 1.0 to 1. Oil Capacity : approximately 4 pints (2.27 litres). Change speed : short control lever on floor.

Propeller Shaft : Open, with needle roller bearing universal joints.

Rear Axle : Ratio : 3.545 to 1 (11/39). Oil Capacity : approximately 3 pints (1.7 litres).

Road Speeds at 1,000 r.p.m. : First 7.15 m.p.h. ; Second 10.2 m.p.h. ; Third 16.0 m.p.h. ; Top 20.9 m.p.h.

Transmission with Overdrive :

Clutch : Single dry plate, 10 in. (0.25 m.) diameter.

Gearbox : Ratios : Reverse 3.78 ; First 2.93 ; Second 2.053 ; Third 1.309 ; Overdrive Third 1.076 ; Top 1.0 ; Overdrive Top 0.822 to 1. Change speed : short control lever on floor. Oil Capacity : approximately 5½ pints (2.98 litres), including overdrive.

Propeller Shaft : Open, with needle roller bearing universal joints

Rear Axle : Ratio, with overdrive : 3.91 to 1 (11/43). Oil capacity : approximately 3 pints (1.7 litres).

Road Speeds at 1,000 r.p.m. : First 6.475 m.p.h. ; Second 9.24 m.p.h. ; Third 14.47 m.p.h. ; Overdrive Third 17.65 m.p.h. ; Top 18.94 m.p.h. ; Overdrive Top 23.1 m.p.h.

Steering : High efficiency cam and peg ; ratio 14 to 1 ; 17 in. (0.43 m.) diameter, three spring spoke steering wheel.

Suspension : Front—Independent with wishbones, coil springs, shock absorbers and anti-roll bar. Rear—Semi-elliptic leaf springs, shock absorbers and panhard rod. Hydraulic lever type shock absorbers.

Brakes : Girling hydraulic. 11½ in. (0.29 m.) discs on front. Drum type 11 in. diameter × 2½ in. wide on rear.

Road Wheels : 15 in. × 4J, Ventilated Steel Disc. Fixing : 5 nuts. Tyres : 5.90—15 Road Speed.

CHASSIS

C A T I O N

ELECTRICAL

12 volt battery (two 6 volt batteries on 2-seater), 50 ampere hour capacity at 10 hour rate, (57 ampere hour at 20 hour rate). Headlamps with dipping switch and equipment to suit regulations of different countries. Combined side lamps and flashing direction indicators. Combined twin stop-tail lamps and flashing direction indicators. Concealed instrument panel lamps. Twin horns. Twin windscreen wipers.

INSTRUMENTS

Trip speedometer. Revolution counter. Fuel gauge. Combined water temperature and oil pressure gauge. Red warning lights indicate no dynamo charge and headlamp high beam position. Green warning light shows direction indicators working. Switches for starter, lighting, screen wiper, and control for windscreen washer (also for heater and overdrive when fitted) on instrument panel. Panel light switch on lower edge of fascia. Windscreen Washer

COACHWORK

Two or four seater, two-door, open sports tourer with all-weather protection. Steel/aluminium construction. Bonnet top—with chrome grille vent to assist engine cooling—hinged at rear edge and supported in open position by a pivoted rod. Bonnet lock operated from inside car. Wide rear opening doors fitted with outside handles. A large open pocket is provided in each door. Fixed curved windscreen of laminated plate glass fitted with double screen wipers. Folding hood of vinyl treated fabric includes large transparent backlight which—with hood sticks—can be completely removed. A tonneau cover completely covers seats, but can be opened for driver only. Luggage compartment with lockable lid at rear, lined with Armacord and containing spare wheel in special container over rear axle on two-seater, on floor of boot in four-seater. Front and rear chrome bumpers with overriders. Twin rear reflectors. Adjustable front bucket seats, the squabs of which tilt forward to give access to the rear compartment. Batteries in special locker beneath spare wheel container on two-seater and in luggage boot on four-seater. Master switch independently operated from inside luggage compartment. All instruments grouped on driver's side of fascia, grab handle on passenger's side. Interior driving mirror and trimmed crash pad fitted to top of scuttle, behind windscreen. Parcel tray fitted below fascia. Flush fitting ash tray in centre transmission tunnel. Fascia finished in vinyl treated fabric. Fitted carpet over floor. Seats trimmed with hide facings. Padded hide and vinyl treated fabric armrest between front bucket seats. Detachable side windows having polished alloy frames with one fixed and one sliding perspex panel. Paint finish in single or dual colours.

Optional Extras : Radio. Hardtop. Heater. Electrically operated overdrive. 15in. x 4J wire spoke 'knock-on' wheels.

The goods manufactured by the Austin Motor Company Limited are supplied with an express Warranty which excludes all warranties, conditions and liabilities whatsoever implied by Common Law, Statute or otherwise.

PRICES.—The Company reserves the right to vary the list prices at any time.

SPECIFICATION.—The Company reserves the right on the sale of any vehicle to make before delivery, without notice, any alteration to or departure from the specification, design or equipment detailed in this publication. Such alterations are likely to occur at any time.

THE AUSTIN MOTOR COMPANY LIMITED
LONGBRIDGE - - - - - BIRMINGHAM

AUSTIN MOTOR EXPORT CORPORATION LIMITED
LONGBRIDGE - - - - - BIRMINGHAM - - - - - ENGLAND

