



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

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CONFIDENTIAL UNTIL OFFICIAL RELEASE

OF THE INCREDIBLE
NEW
AUSTIN SEVEN



PRELIMINARY SPECIFICATION

THE INCREDIBLE NEW
AUSTIN SEVEN



mk1-performance-conv.com

A NEW BREED OF SMALL CAR



LEADING DIMENSIONS	FT. INS.	METRIC
Wheelbase ...	6 8	2.03 m.
Track—Front ...	3 11½ (nominal)	1.21 m.
Track—Rear ...	3 9½ (nominal)	1.16 m.
Overall Length ...	10 8½	3.05 m.
Overall Width ...	4 7½	1.40 m.
Overall Height ...	4 5	1.34 m.
Turning Circle ...	29 6	8.99 m.
Ground Clearance ...	6½ (normally laden)	0.16 m.
Weight (less Fuel) Basic ...	1½ cwt.	57½ kg.
Weight (less Fuel) De Luxe with heater ...	1½ cwt.	584 kg.

... FROM AUSTIN!



SPECIFICATION

ENGINE

In line, water-cooled, overhead-valve, four-cylinder, three-bearing counterbalanced crankshaft. In unit with clutch, gearbox and final drive. Installed transversely at front of car.

Bore ...	2.478 in. (62.9 mm.)	Maximum B.H.P. ...	34 at 5,500 r.p.m.
Stroke ...	2.467 in. (62.76 mm.)	Maximum B.H.P. (gross) ...	37 at 5,500 r.p.m.
Cubic Capacity ...	51.74 cu. in. (848 c.c.)	Maximum Torque ...	44 lb. ft. at 2,900 r.p.m.
Compression Ratio ...	8.3 to 1	Maximum Torque (Gross) ...	45 lb. ft. at 3,450 r.p.m.

Fuel System. Single S.U. carburettor, type HS2; 8 V. electrical fuel pump type PD, mounted under tank at rear; air cleaner with paper element; petrol tank capacity 12 gallons (25.5 litres); fuel filters in pump and fuel tank.

Lubrication System. Full pressure to engine bearings, sump formed oil bath for gearbox and final drive; internal gear type pump driven by camshaft; full flow oil filter with replaceable element; gauge strainer in sump; magnetic sump drain plug; oil capacity, including transmission, 6 pints (4.7 litres) approximately, plus 1 pint (0.57 litre) for filter.

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

Cooling System. Pressurized radiator with pump, fan and thermostat; capacity approximately 5½ pints (3 litres), plus 1 pint (0.57 litre) for heater when fitted.

CHASSIS

Transmission. Clutch 7½ to 10 (8 m.) diameter, hydraulic operation by pendant pedal. Gearbox, four speeds with synchromesh on 2nd, 3rd and top; in unit with engine and final drive; central floor change-speed lever. Final drive, to front wheels via helical spur gears, universal joints and open shafts, drive casing in unit with engine and gearbox.

Gear Ratio:	Gearbox	Overall	Final Drive	Road Speeds at 1000 r.p.m.
Reverse ...	3.628 to 1	13.659 to 1	—	—
1st ...	3.628 to 1	13.659 to 1	—	4.086 m.p.h.
2nd ...	2.172 to 1	8.178 to 1	—	6.825 m.p.h.
3rd ...	1.412 to 1	5.316 to 1	—	10.499 m.p.h.
Top ...	1.00 to 1	3.765 to 1	3.765 to 1	14.824 m.p.h.

Steering. Rack and pinion; 2½ turns lock to lock; two-spoke 15½ in. (40.4 m.) diameter steering wheel. Turning Circle 29 ft. 6 in. (8.99 m.)

Suspension. Front (includes final drive)—Independent with levers of unequal length. Swivel axle mounted on ball joints. Rubber springs and shock absorbers mounted above top levers. Top levers roller bearing and lower levers rubber mounted at inner end. Fore and aft location by rubber mounted tie rod. Rear—Independent trailing tubular levers with rubber springs and shock absorbers. Levers carry stub shaft for hubs which have twin dual purpose bearings. Telescopic hydraulic shock absorbers all round.

Brakes. Foot—All four wheels, hydraulically operated by pendant pedal with leading and trailing shoes all round. 7 in. diameter x 1½ in. wide front and rear. Hand—Central pull-up lever which operates on rear wheels.

Road Wheels. Pressed steel, four-stud fixing; 5.20—10, tubeless tyres. Chromium embellishers on de luxe saloon.

ELECTRICAL

12-volt, 30 amp. hr. capacity battery at 10 hour rate (34 amp. hr. at 20 hour rate), located under floor of boot. Double-dipping headlamps with foot operated dipswitch; sidelamps in headlamps with separate bulb; rear lamps, stop lamps, reflectors and flashers are all combined in single units; rear number plate illuminating lamp; interior lamp under parcel shelf with separate switch mounted in instrument cover; separate front flashers; self-cancelling switch under steering wheel with warning light in the end of the lever; twin-blade electrical windscreen wipers; single high frequency horn, with push in centre of wheel.

Speedometer, with fuel gauge and warning lights to show low oil pressure, no dynamo charge and headlamp high beam position. The various switches are mounted on a panel in the centre of parcel shelf. The starter switch, which is shielded to prevent accidental operation, is on the floor within easy reach of the driver. Single interior anti-glare mirror.

INSTRUMENTS

Four-seater, four-light, two-door saloon, of all steel unitary construction. There is one large combined circular instrument in the fascia with a parcel shelf beneath. The dash lining above the shelf is of painted board on basic and vinyl treated fabric covered board on de luxe. Separate front seats are adjustable on slides in de luxe saloon, passenger's seat is fixed in basic. A wide seat in the rear has a companion box on either side for personal items; these have internal illumination and ashtrays mounted on top in de luxe models. The cushions are of foam rubber on de luxe, rubberized hair and polyther overlay on basic. Squab seat of rubberized hair on de luxe and rubberized hair with polyther overlay on basic, while the trim is vinyl treated fabric on de luxe and cloth on basic saloons. There is a parcel space shelf behind the rear squab in addition to parcel space under the rear cushion. On de luxe saloons a fitted carpet on the floor replaces a rubber mat fitted in basic models. The doors are hinged at their front edge by outside hinges. Driver's door is locked by a private lock incorporated in the outside handle, while the passenger's door is locked from the inside by a catch in the lock. The doors are opened from inside the car by a cable release along the full width of the door. Door windows have two sliding glasses, each of which can be moved or fixed independently. Luggage compartment in the rear of the body, access being provided by a hinged lid with locking handle. Rear number plate with its illuminating lamp is hinged to the lid which may be used as an additional luggage platform. Spare wheel and battery are carried on the floor of the boot, which has a rubber mat in de luxe saloons and the petrol tank is installed vertically on the left-hand side. Chromium-plated hangers front and rear. One sun visor on basic, and two on de luxe saloon. Windscreen washer, heater and overriders fitted on de luxe saloons.

COACHWORK

Optional Extras—Radio, Heater, for basic saloon.

The basic saloon as detailed above is available for overseas markets. The de luxe saloon for overseas markets conforms to the basic specification, plus the following items: Adjustable front passenger's seat; rear quarter panels covered in vinyl treated fabric; ashtrays and lamps in companion boxes; passenger's sun visor; bright plastic windscreen-backlight, and sill-finishers; chrome filler cap and rear number plate lamp; hinged quarter lights; windscreen washers; wheel embellishers; overriders.

Alternative equipment at no extra cost on basic and Export de luxe models—Right- or left-hand steering; k.p.h. or m.p.h. speedometer; six bladed fan; lighting and flasher equipment to suit regulations of different countries.

Optional at extra cost—Basic and de luxe saloons: Laminated windscreen; heater; radio; foam rubber seats; vinyl-treated fabric seat covers. De luxe saloon only: Windscreen washer. De luxe saloons only: Floor carpets with under felt; vinyl-treated fabric covered interior panels; kick protector strips; rubber mat in luggage boot.

EXPORT AVAILABILITY

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