



AUSTIN HEALEY SPRITE

Loads of fun, lots of fight...

new design...



that's the Sprite!



**SPRITE**

by Austin Healey

Its predecessor walloped everything in its class at Sebring. Now its got even more pep-py performance from a rip-roaring, gleeful engine, PLUS swivel-hipped maneuverability, large lockable trunk, and slinkier styling. And the price is still the lowest for any true sports car in America! The word for fun driving at an eye-blinking price is... Sprite!

Overseas delivery information on request.

## S P E C I F I C A T I O N

**ENGINE:** In-line 4 cylinder, O.H.V., water-cooled, three bearing counterbalanced crankshaft. Bore 2.478 in. Stroke 3.00 in. Cubic capacity 57.9 in. (948 c.c.). Maximum B.H.P. 49.4 at 5,500 R.P.M. Maximum torque 52.5 lb. ft. at 4,000 R.P.M. Compression ratio 9.0:1.

**FUEL SYSTEM:** Twin HS2 semi-downdraught S.U. carburetors. A.C. mechanical fuel pump. Twin air filters with paper elements and cold air intake. Fuel tank capacity 7 $\frac{1}{4}$  U.S. gallons.

**LUBRICATION SYSTEM:** Full pressure feed, wet sump. Oil pump of concentric type mounted on rear of block, driven from camshaft. External full-flow oil filter with replaceable element. Sump capacity 7 $\frac{1}{4}$  U.S. pints plus 1 pint for filter.

**IGNITION SYSTEM:** Coil and distributor with auto and vacuum control.

**COOLING SYSTEM:** Pressurized radiator with pump, fan and thermostat. Radiator capacity 12 U.S. pints.

**CLUTCH:** Single dry plate 6.25 in. diameter. Hydraulically operated by pendent pedal.

**GEARBOX:** Four-speed, synchromesh on second, third and fourth gears. Internal gear ratios — fourth 1.00:1; third 1.357:1; second 1.918:1; first 3.200:1; reverse 4.114:1. Overall gear ratios—fourth 4.222:1; third 5.726:1; second 8.975:1; first 13.504:1; reverse 17.361:1. Remote controlled gear change gear lever centrally positioned on floor. Gearbox housing and clutch housing of aluminum. Oil capacity 2 $\frac{3}{4}$  U.S. pints.

**PROPELLER SHAFT:** Open, with needle roller bearing universal joints. Sliding splines between gearbox and propeller shaft.

**REAR AXLE:** Hypoid, three quarter floating. Ratio 4.22:1. Oil capacity 2 U.S. pints.

**ROAD SPEEDS AT 1,000 R.P.M.:** First 4.8 m.p.h., second 7.74 m.p.h., third 11.2 m.p.h., top 15.37 m.p.h.

**STEERING:** Rack and pinion — 2 $\frac{1}{4}$  turns of steering wheel, lock to lock. Two-spoke 16 in. diameter steering wheel. Turning circle approximately 32 ft.

**SUSPENSION:** Front — independent with wishbones, coil springs and lever type shock absorbers. Rear — quarter elliptic leaf springs with double acting lever type shock absorbers and radius arms.

**BRAKES:** Hydraulically operated brakes from pendant type pedal. Two leading shoes on front, one leading and one trailing shoe on rear. Brake drums 7 in. diameter, 1 $\frac{1}{4}$  in. width. Hand-brake operated from center pull-up lever with ratchet. Operates on rear wheels only. Brake lining area, 67.5 sq. ins.

**ROAD WHEELS:** 13 in. x 3 $\frac{1}{2}$  in. pressed steel ventilated disc, with four-nut fixing, fitted with 5.20 — 13 six-ply tubeless tires.

**ELECTRICAL:** 12 volts, 40 amp./hr. capacity battery at 20 hour rate (43 amp./hr. at 20 hour rate). Sealed beam headlights with foot-operated dip switch. Sidelights combined with front flashers. Twin stop-tail lights combined with red reflectors. Rear number plate light and twin flashing direction indicators. Twin self-parking windshield wipers. Single horn.

**INSTRUMENTS:** Speedometer with trip and total mileage recorder. Fuel gauge. Warning lights to indicate no generator charge and headlight high beam position. Warning lights to show flashers working. Combined thermometer and oil pressure gauge. Concealed instrument illumination.

**BODYWORK:** Two-door, two-seater sports car of all-steel unitized construction. Hood hinged at rear and unlocked from driver's seat. Lockable trunk of 11 $\frac{1}{2}$  cubic foot capacity. Spare wheel lies flat in trunk. Soft top together with collapsible frame can be completely removed. Side screens of detachable design with sliding panels. Curved laminated windshield held in rigid chrome frame. Each door has a large pocket and is opened by an interior door handle. Rubber mats cover driving compartment floor. A large carpeted area behind bucket seats is suitable for stowage of excess luggage. Bucket seats have foam rubber cushions and are covered in leather cloth. Wrap around bumpers front and rear are fitted with overrides. Seat belt anchorages provided as standard equipment.

**COLORS:** Signal Red, Speedwell Blue, Old English White, Highway Yellow, Deep Pink.

**OPTIONAL EXTRAS:** Heater, tonneau cover, whitewall tires, detachable hardtop, Ace-Mercury wheel discs.

**DIMENSIONS:** Overall length 11 ft. 5 $\frac{1}{2}$  in.; width 4 ft. 5 in.; overall height (top up) 4 ft. 1 $\frac{1}{2}$  in.; wheelbase 6 ft. 8 in.; track (front) 3 ft. 9 $\frac{1}{4}$  in.; track (rear) 3 ft. 8 $\frac{1}{4}$  in.; weight (unladen) approximately 1456 lbs.; turning circle approximately 32 ft.

*Specifications and colors subject to change without notice.*

Performance data: Speed through gears 0-60 m.p.h., 20.3 sec. Maximum speed 85 plus m.p.h. Fuel economy 35 plus m.p.g.

**GRUET MOTOR CAR CO.**

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