



AUSTIN 850 • MORRIS 850

The incredible new
car with the
crosswise engine...

AUSTIN 850 MORRIS



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MORRIS 850

Identical twins except for their grilles

This little miracle on wheels is full of BIG surprises. From revolutionary crosswise engine with front wheel drive, to radically different independent rubber suspension and fully compensated brakes, the 850 is an entirely new concept in motoring. It easily out-classes any car anywhere near its price in performance, roominess, comfort and economy. All this plus a full 12 months' warranty.

Overseas delivery information on request.

SPECIFICATIONS

ENGINE: Four cylinders, O.H.V. push rod operated; bore 2.48 in., stroke 2.69 in.; cubic capacity 848 c.c. (51.79 cu. in.). Three-bearing crankshaft; main bearings and connecting rod bearings with renewable liners. Compression ratio 8.3:1. Aluminum-alloy pistons. Fullflow renewable-element external oil filter.

COOLING: By pressurized thermostatically controlled system with impeller pump and fan.

IGNITION: Battery and coil. Automatic advance and retard with centrifugal and vacuum control.

CARBURETION: S. U. automatic semi-down draught type HS2 carburetor fed from rear tank by rear-mounted S. U. electric PD type fuel pump. Air cleaner and silencer. Fuel tank capacity 6.6 U.S. gallons.

TRANSMISSION: Single-plate dry clutch with hydraulic actuation. Four-speed gearbox with synchromesh on second, third, and top gears, giving overall ratios of — first 13.657, second 8.176, third 5.317, top 3.765, and reverse 13.657:1. Central floor gear change. Combined transmission casing and oil sump below engine crankcase. Transversely mounted power unit with mainshaft in constant mesh with differential assembly mounted on side of transmission casing. Drive transmitted by universal-jointed shafts to the front road wheels. Final drive ratio 3.765:1.

BRAKES: Lockheed hydraulic fully compensated brakes. Pendant-type foot pedal, 7 in. diameter brake-drums front and rear with leading and trailing shoes. Simple shoe adjustment which simultaneously adjusts the hand brake. Pull-up lever operates the hand brake on rear drums.

BODY AND CHASSIS UNIT: The unitized body incorporates the body shell, floor, bulkhead, and fenders. Full-width bumpers front and rear. Deep, well-sprung cloth upholstery. Luggage capacity (with lid closed) 5½ cu. ft.

SUSPENSION: Independent rear suspension by rubber cone spring units; upper and lower suspension arms attached to swivel pin hubs by ball joints. Independent rear suspension by rubber cone spring units and radius arms; hydraulic telescopic shock absorbers front and rear.

WHEELS AND TIRES: Ventilated disc-type wheels with 4-stud fixing. Dunlop 5.20 x 10 tubeless tires. Spare wheel housed in trunk.

STEERING: Rack and pinion steering with direct linkage to steering-arms on swivel pins. 15½ in. diameter 2-spoke steering-wheel with central horn button. Turning circle 29 ft. 6 in. Track—front 3 ft. 11¼ in., rear 3 ft. 9 in.

ELECTRICAL EQUIPMENT: High-output generator with compensated voltage control; 12-volt 34-amp.-hr. battery (at 20-hr. rate); sealed beam unit, headlights; foot dipper switch; parking lights; twin stop and tail lights; rear reflectors; rear number-plate light; instrument lighting; dual-arm windshield wipers; electric horn; flashing self cancelling direction indicators; parcel shelf light, ignition, headlight high beam, and turn signal warning lights.

INSTRUMENTS: Speedometer with total distance recorder; fuel gauge; oil pressure warning light.

CONTROLS: Windshield wiper switch; ignition switch; lighting switch; choke control; parcel shelf light switch, starter switch.

VENTILATION: Double sliding windows to each door with press-button-type lock.

GENERAL EQUIPMENT: Large curved windshield and rear window; Windshield of laminated glass, all other windows of safety glass; rear view mirror; rubber floor mats with underfelt; ashtray; driver's sun visor; individual bucket front seats with adjustment for reach on driver's seat; large full width parcel tray under dash; large pockets in each door and at each side of rear seat; storage space under rear seat and behind rear seat backrest; washable headlining; cloth upholstery; sill finishers. **ACCESSORY GROUP NO. 1** consisting of:—Windshield washers; foam rubber seating; wheel hub disc embellishers; hinged rear quarter lights, overriders; 2 sun visors; chrome filler cap; chrome rear number plate light.

OPTIONAL EXTRAS: Heater; Whitewall tires; Seating finished in PVC and adjustable passenger seat.

COLORS: White, Red or Blue with grey and black fleck upholstery.

Specifications and colors subject to change without notice.

Performance data: Top speed 74 m.p.h., 0-60 m.p.h. 26.5 sec., standing ¼ mile 23.3 sec. Gas consumption 40/50 m.p.g.



Product of THE BRITISH MOTOR CORPORATION LTD., makers of Austin-Healey, Austin, MG, Magnette, Morris and Riley cars.