JAGUAR 'S' MODELS
3.4 & 3.8 'S' MODELS
Introduction...

The wide choice of high performance high quality motoring which the Jaguar range provides is now further extended by the introduction of the 3.4 'S' and 3.8 'S' Models.

These make available, in a car of compact dimensions, the very latest refinements in Jaguar design and engineering.

With impeccable body styling and spacious interior proportions, seating for five adults, all-round independent suspension and disc brakes on all four wheels, a new interior heating and ventilating system with infinitely variable control, reclining seats, twin petrol tanks, exceptionally large luggage boot, and with many more features combining to give performance, comfort and value such as only Jaguar offer, the 'S' Models truly uphold the Jaguar tradition of providing—

A special kind of motoring which no other car in the world can offer.
A new conception in Luxury Motoring
The quiet power of the Jaguar ‘S’ Model, its superb suspension and luxuriously appointed interior guarantee absolute comfort for any journey regardless of distance or road conditions.

Superior coachwork finish and interior trim complete the picture of luxury afforded by this car which, in its class, has no equal.
Luxury and Refinement in the True Jaguar Tradition

The Jaguar 'S' Model is a five seater saloon with increased interior space, head and leg room, affording the highest degree of comfort front and rear. Individual front seats, with combined adjustment for reach and height, feature reclining back rests. Front and rear seats have folding centre arm rests. All upholstery is in finest quality leather hide over deep foam rubber cushions. High quality carpets are fitted throughout. All woodwork is in polished figured walnut.

A high efficiency fresh air heating and ventilating system, with individual controls for front and rear compartments, provides an infinite range of temperatures and volume together with rapid defrosting and demisting of the windscreen.
Ample luggage accommodation is provided in a capacious compartment of 18 cubic feet capacity. The lid is counter-balanced for ease of operation. The interior is illuminated by night and is fully trimmed to protect luggage.

A comprehensive range of instruments together with a row of clearly labelled switches are mounted in a polished walnut panel. Space for personal effects is provided by a glove compartment with lock and interior light, and a full width parcel shelf.

KEY TO INSTRUMENT PANEL

1. Ammeter.
2. Fuel gauge.
3. Lighting switch.
4. Oil pressure gauge.
5. Water temperature gauge.
6. Revolution counter.
7. Electric clock.
8. Speedometer.
11. Automatic transmission selector lever.
12. Speedo tri control.
13. Automatic transmission indicator panel.
14. Clock adjuster.
15. Horn switch.
17. Direction indicator and headlamp flashing switch.
18. Windscrew washer switch.
19. Windscrew wiper switch.
20. Fuel tank changeover switch.
22. Cigar lighter.
23. Ignition switch.
24. Heater fan switch.
26. Interior/Map light switch.
27 & 28. Ventilating controls for front compartment, either side of temperature control.
29. Radio control.
30. Heater control switches.
31. Ventilating control for rear compartment.
Salient features of the Jaguar ‘S’ Model

- Full five seater saloon, lavishly equipped and superbly finished.
- Independent suspension and disc brakes on all four wheels.
- Individual front seats with combined adjustment for reach and height, reclining back rests and central folding armrest.
- Shaped rear seats with central folding armrest, provide maximum comfort for two or three persons.
- High efficiency fresh air type heating and demisting system providing a wide choice of settings.
- Large luggage compartment giving an entirely unobstructed capacity of 19 cubic feet.
- Choice of 3.4 or 3.8 litre 6 cylinder XK engines.
- Choice of manual change transmission—with or without overdrive—or fully automatic transmission.
- Large fuel tank capacity of 14 gallons, carried in two separate tanks.
- Comprehensive instrumentation.
FRONT
Incorporating semi-trailing wishbones, coil springs with telescopic dampers, and anti-roll bars, this assembly, together with steering gear, is mounted on a separate sub-frame which is itself located in the body by rubber mountings.

independent suspension.....

REAR
This assembly incorporates on each side, a lower transverse tubular link pivoted at the wheel carrier and sub-frame, a radius arm, a half shaft universally jointed at each end, and twin coil springs enclosing telescopic hydraulic dampers. The whole assembly, together with the differential unit, is carried in a sub-frame which is located in the body structure by rubber mountings.
The World Famous XK Engine

The Jaguar 6 cylinder twin overhead camshaft XK engine is acknowledged throughout the world as a perfect expression of engineering efficiency. Its high power output over a wide speed range, its durability and smoothness have endowed it with this world wide reputation—a reputation further enhanced by the many victories won by Jaguar cars in international rallies and races all over the world.

A choice of two XK engines is available for the Jaguar 'S' model, the 3.4 or 3.8 litre, comparative data for which is given below.

### 3.4 LITRE 'S' MODEL
- No. of cylinders: 6 in line
- Bore: 3.2077" (83 mm)
- Stroke: 4.1722" (106 mm)
- Capacity: 3442 c.c. (210.6 cu. ins.)
- Compression ratio: 8 : 1 (7 or 9 : 1 optional)
- Piston area: 50.32 sq. ins. (324.6 sq. cms.)
- Max. B.H.P. at R.P.M.: 210 at 5500
- Max. Torque at R.P.M.: 210 ft. lbs. at 3000
- (29.71 M. kgs. at 3000)

### 3.8 LITRE 'S' MODEL
- No. of cylinders: 6 in line
- Bore: 3.425" (87 mm)
- Stroke: 4.1722" (106 mm)
- Capacity: 3781 c.c. (230 cu. ins.)
- Compression ratio: 8 : 1 (7 or 9 : 1 optional)
- Piston area: 55.26 sq. ins. (359.9 sq. cms.)
- Max. B.H.P. at R.P.M.: 220 at 5500
- Max. Torque at R.P.M.: 240 ft. lbs. at 3000
- (33.2 M. kgs. at 3000)
SPECIFICATION

ENGINE. 6 cylinder 3.4 litre Jaguar XK engine. 70" twin overhead camshaft driven by a two stage roller chain. 83 mm bore x 106 mm stroke. Cubic capacity 3442 c.c. (210 cu. ins.). Compression ratio 8 : 1. Develops 210 b.h.p. at 5,500 r.p.m. Twin S.U. type HED carburettors and double exhaust system.

TRANSMISSION. 3.8 litre Jaguar XK engine. 70" twin overhead camshaft driven by a two stage roller chain. 87 mm bore x 106 mm stroke. Cubic capacity 3781 c.c. (230.6 cu. ins.). Compression ratio 8 : 1. Develops 220 b.h.p. at 5,500 r.p.m. Twin S.U. type HED carburettors and double exhaust system. For countries where fuel specifications require a change in compression ratio, alternative ratios are available. Cooling by pump and fan with bypass thermostat control. Forced lubrication by submerged pump system incorporating full flow filter. Oilway into iron cylinder block. Cylinder head of high tensile aluminium alloy with hemispherical combustion chambers. Aluminium alloy pistons. Steel connecting rods. 22 in. diameter counterweighted crankshaft carried in seven large bearings.


SUSPENSION. Front. Independent suspension incorporating semi-tailingleaf wishbones and coil springs with telescopic dampers. Anti-roll bar between lower wishbones. Suspension assemblies and steering gear are mounted on a separate subframe which is itself located in the body by rubber mountings.

SUSPENSION. Rear. Fully independent rear suspension incorporating on each side, a lower transverse tubular link pivoted at the wheel carrier and sub-frame adjacent to the differential case and, above this, a half-shaft universally jointed at each end. These serve to locate the wheel in a transverse plane. Longitudinal location is provided by the rubber mountings locating the sub-assembly in the body structure and by a radius arm between the lower link and a mounting point on the body structure. Twin coil springs, each enclosing a telescopic hydraulic damper, provide the suspension medium. The whole assembly together with the differential unit is carried in an easily detachable sub-frame which is located in the body structure by rubber mountings.

BRAKES. Dunlop bridge type disc brakes featuring quick change pads with automatic adjustment for wear. Vacuum servo assistance. Self adjusting "pull up" type handbrake. Combined handbrake and brake fluid level warning light.

STEERING. worm re-circulating ball type steering with 17 in. diameter two spoke steering wheel adjustable for reach. Left or right hand steering optional. Turning circle 33 ft. Power assisted steering available as an optional extra.

WHEELS AND TYRES. Pressed steel bolt-on disc wheels fitted with Dunlop tyres. Wire spoke wheels available as an optional extra. Spare wheel and tyre.

FUEL SUPPLY. Two separate tanks—one in each rear wing—total capacity 14 gallons. Two electrically operated S.U. fuel pumps (one for each tank) controlled by change-over switch on instrument panel. Separate filler caps to each tank remain hidden.

BODY. All steel, four-door, five-seater saloon. Integral body-chassis construction providing maximum rigidity with minimum weight. Large zone-toughened windscreen with slim pillars and semi-wraparound rear window and rear. The semi-wraparound windscreen does not interfere with ease of entry or exit. Wide view rear mirror incorporating dimming image switch. Chromium-plated window frames to all doors. Chrome finishers on rain guttering and top of door waist rail. Seats upholstered in finest leather with deep red leather cushions. Front seats fitted with combined height and reach adjustment and reclining squabs. Central folding armrests in front and rear seats. Polished figured walnut instrument panel features revolution counter and speedometer positioned directly in front of driver and separate instruments for oil pressure, water temperature, fuel gauge and ammeter. Instrument panel also contains, on the passenger's side, a glove compartment with an interior light and lockable lid. A large padded parcel shelf runs the full width of the car beneath the instrument panel and houses the heater temperature control in its forward edge. A separate housing beneath the instrument panel contains a radio and speaker (optional extra) together with a very large ashtray. When no radio is fitted, the speaker grille is retained and the radio compartment is covered with an easy-to-remove panel which is carried with the fitted radio. A large, deep-angle wing mirror is included. Rear lights incorporate large stoplights and a centre light, whilst the rear doors also contain ashtrays. Central folding armrest in rear compartment. Sun visors. Deep pile carpets over thick felt underlay. Heavy duty wraparound bumpers with over-riders. "Zero-torque" door locks enable doors to be closed easily and quietly. Seat belt anchorages are provided for both front and rear seats.

HEATING AND DEMISTING. Completely new fresh air heating system capable of high temperature and volume supply to front and rear compartments. Separate control regulates supply to rear compartment. Air intake vents and heater valves are vacuum servo assisted. Two-speed fan controlled by switch on instrument panel.

LUGGAGE ACCOMMODATION. Ample luggage accommodation is provided in the capacious compartment of 19 cu. ft. capacity. The lid is counter-balanced for ease of operation. Interior compartment illuminated by light by a separate lamp. Compartment fully trimmed to protect luggage.

SPARE WHEEL AND TOOLS. The spare wheel is carried beneath the luggage compartment floor, in a separate compartment, and is readily accessible. The tools, in a special fitted and lined container, are housed in the spare wheel compartment. Jack and wheel brace (or wheel hammer on wire wheel models) housed in luggage compartment.

JACKING. Exterior jacking points, front and rear, enable the car to be lifted with the minimum of effort by means of the jack provided.

PRINCIPAL DIMENSIONS. Wheelbase 8 ft 11½ ins; track front 4 ft 7½ ins, track rear 4 ft 6½ ins, overall length 16 ft 17½ ins, overall width 5 ft 6½ ins.
Jaguar 'S' Model General Dimensions

Unless otherwise stated, all dimensions are in inches and centimetres, applicable to a laden car. (Front seat shown in mid position—5" adjustment. Wheels fitted 6.40 x 15 tyres—rolling radius 12.75.)
Press Comments...

"Superb — there's not a car in its class to touch it."
(The Times).

"It proved a restful and safe car to drive over long distances — Fuel consumption averaged 17-23 m.p.g."
(The Times).

"The interior of the Jaguar is superb — you would have to stand it next to models costing at least twice as much, even to find a standard of comparison."
(Sunday Express).

"Engine noise was barely perceptible and the general standard of quietness was excellent . . . . . ."
(The Times).

"... will whisper up to 80 miles an hour while lesser drivers are making their first gear change."
(Sunday Express).

"Another classic example of the Coventry company's adeptness at matching style and performance with progressive engineering."
(The Times).

(In a popularity poll at the New York Show the Jaguar 3.8 'S' model was voted "the best luxury compact (medium sized car) of 1964").

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