The JAGUAR Four-Door Saloon Car Range. XJ 3·4, 4·2 and 5·3

A promise renewed

For many, the advent of the Jaguar XJ range heralded a new era of superlative motoring. An incomparable blend of design, performance, engineering and safety which has become the very hallmark of practical luxury.

Most certainly, a Jaguar is for people who value excellence and style. For people who care about craftsmanship and painstaking attention to detail. A special car for special people.

The unwavering maintenance of Jaguar values is one of the stable factors in a fast changing world. A promise of refined excellence between Jaguar and its motoring public.

The fulfilment of that promise was widely acclaimed in the XJ and Series 2 ranges.

Now, we renew that promise in the latest four-door range. Three cars of unmistakable pedigree.

We have made some subtle changes, in design and engineering. Nothing too drastic, of course, because our saloon car range is well established as the most outstanding in its class. Change for its own sake has no place in the Jaguar philosophy.

Of one thing you may be certain. The latest XJ saloons will take their rightful place just a little ahead of their predecessors, as one of the safest, most desirable and best value for money ranges Jaguar have ever offered.

JAGUAR XJ 5·3

This justifiably famous car is truly remarkable–even for a Jaguar, exhibiting as it does standards of design, engineering and refinement found only in cars of the highest prestige. A pinnacle of Jaguar's saloon range with a charisma all of its own.

The effortless, relaxed surge of power from the famous V12 engine, is now balanced by the additional refinement of the most sophisticated piece of engineering ever offered by Jaguar–electronic fuel injection.

In practical terms, this provides even greater smoothness and flexibility, with equally superb response whether the engine is warm or cold. There is more precise utilisation of fuel which means more economy and even better performance.

The car is identified outside by the stylish black leather grained vinyl roof, chrome waist moulding and hand painted coachline.

The restyled interior achieves new levels of spaciousness and luxury. From the reassurance of the hand matched walnut facia to the cosseting luxuriance of the contoured seats, upholstered in leather and Ambla, you are in the private world of Jaguar. Controls readily, almost imperceptibly to hand. A quiet, smooth, and entirely relaxed mode of travel which does wonders for your wellbeing.

For those who aspire to the ultimate luxury of the XJ5.3, this car is an unforgettable experience.

Incredibly, the restyled interior of the XJ5.3 achieves levels of spaciousness, silence and unashamed luxury which are exceptional, even for Jaguar.

Relaxed and pampered in the wide, deep contoured seats, passengers have individual armrests at either side, while further comfort is assured by a heating and ventilating system which includes additional on/off and directional controls for the rear passengers.

The all-essential room to relax is present from head to foot, and the full floor carpeting, over special sound absorbing materials creates the recognisable feel and quietness of a luxurious hotel room.

For the passenger who wants to work, listen to music, sightsee or just to talk quietly, this is motoring in the grand manner.

For the driver and his co-passenger, the XJ5.3 offers an inspired combination of effortless control and journey-shortening luxury.

Adjustable front seats, with individual headrests and reclining mechanism, position the driver in the optimum posture for comfortable motoring.

The uncomplicated layout of the instrumentation, set in an exquisite hand matched walnut facia, combines with near-effortless controls to offer renewed pleasure in driving.

The unfailing response of the car to the slightest entreaty, creates a peace of mind of inestimable value in today's traffic conditions.

This, then, is a superlative driving environment. One which works miracles for the morale and the personal confidence. The special blend of pleasures which only Jaguar can offer.

JAGUAR XJ 4·2

The XJ4.2 is perhaps the quintessential car in the range. A thoroughbred piece of engineering which is every inch a Jaguar. The fine lines, the roomy interior, the excellence of performance are all unmistakable.

The low profile is eminently sleek, the wide wheelbase positively hugs the road. Independent suspension on all four wheels transmits nothing but the pleasure of the swift, surging, mile-eating ease of performance for which Jaguar is renowned.

The superlative six cylinder XK engine is never stretched and is inexhaustible in its eager response to all road or traffic conditions.

Like all cars in the range, the spacious luxury of the XJ4.2 interior is a judicious combination of simple functionality and refinement.

Deep, wide, contoured leather faced seats, with individual headrests at the front, provide both the correct posture and room for comfort without stress.

The quietness, the lack of clutter yet the impressive array of luxury features are a formula to which only Jaguar have the key.

To the Jaguar owner, it is that special magic which no other car in the world can offer.

JAGUAR XJ 3·4

This car is unique in the range, offering as it does standards of design, engineering, performance and safety similar to the other cars, coupled with a new efficiency and economy from the 3.4 litre version of the famous XK engine.

Is there any less grace in the refined styling? Any loss of spaciousness or refinement of detail? Any less value for money? The answer to all these questions is a resounding no! This is a car of today. Responsive, effortless, obedient.

The impeccably bred 3.4 litre engine, with twin carburettors and twin overhead camshafts has few peers on the road. Precise, power assisted rack and pinion steering, the firm control of servo-assisted disc brakes, 'anti-dive' front suspension and incredible road holding all combine to make driving a pleasure to savour.

The overall head-to-toe spaciousness of the interior, so essential to this class of motoring for driver and passengers alike, is enhanced by a soft, luxurious cloth trim to the deep, upholstered seats.

Your passengers can relax in the 'private world' environment and revel in the seductive smoothness and quietness of the ride. If they closed their eyes, they would not know in which Jaguar they were riding. A Jaguar is a Jaguar, whatever its capacity.

Some of the many refinements of the Jaguar four-door range are illustrated on these pages. Further details are given overleaf.

1. All the essential information clearly visible immediately in front of the driver.

2. Transmission selector lever in centre console together with individual front compartment ashtrays, cigar lighter and door locking switch. This is the XJ5.3 version.

3. Rocker switches for electrically operated windows. The centre console also carries push-push switches for fuel tank change over, heated rear window, map reading lamp and interior lamps.

4. The centre console of the XJ4.2 and 3.4 models is finished in an elegant satin chrome.

5. Rear console containing on/off and directional control for heating and ventilating system to rear compartment, together with additional controls for rear windows (except 3.4 models).

6. Reclining front seat squab release lever is easily to hand.

7. Speakers for car radio are fitted inside both front doors.

8. All doors have normal locking with central electric locking system (except 3.4 models). Child safety catches are concealed in rear doors.

9. An important safety precaution is provided by the recessed petrol filler flaps, opening inwards, and concealed beneath the flush fitting caps, which prevent fuel spillage in the event of roll over.

10. The insignia of the smooth, flexible power of the XJ5.3.

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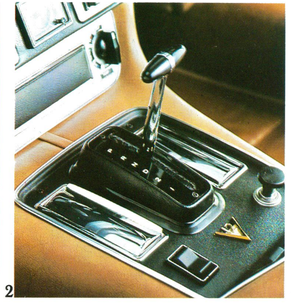
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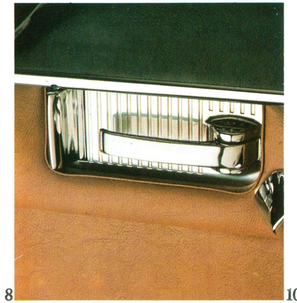
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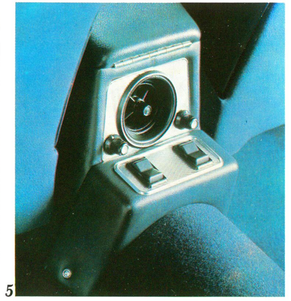
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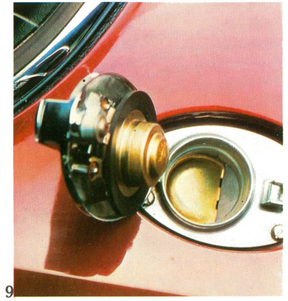
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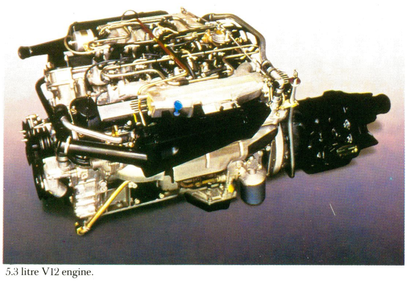
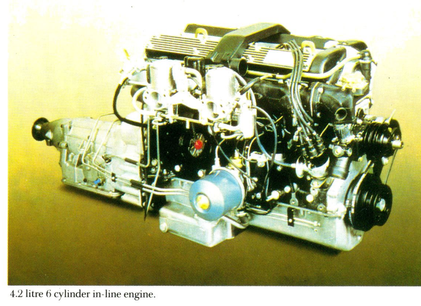


5.3 litre V12 engine.



4.2 litre 6 cylinder in-line engine.

Jaguar XJ5·3

SAFETY FEATURES

Primary Safety Features

Very wide section low profile radial-ply tyres with water expellent tread pattern for maximum grip in all weather conditions.

Servo-assisted disc brakes all-round, with ventilated discs at the front and separate hydraulic circuits to front and rear.

Brake pressure differential warning actuator indicating, through a warning light, any failure in either the front or rear circuit.

Wide track and low centre of gravity for greatest possible overall stability.

'Anti-dive' front suspension geometry for longitudinal stability, particularly when heavy braking is called for.

Power-assisted rack and pinion steering for ease and precision of control.

The mounting of the steering rack on the rear face of the suspension beam in a position of maximum protection.

Engine cannot be started unless automatic transmission lever is in 'Park' or 'Neutral' position.

Large window area with slim pillars for good all-round visibility.

Electrically heated rear window.

A central master switch isolates all window controls.

Child-proof safety catches concealed in rear doors.

Large area side lamps and direction flashers.

Large area rear view mirror with anti-dazzle secondary position.

Secondary Safety Features

An immensely strong body centre section.

Front and rear ends designed to provide progressive deformation characteristics to absorb the energy of impact.

All doors have a W-section barrier welded into them for best possible passenger protection in the event of side impact.

Burst-proof door locks on all doors.

Interior door panels have recessed smooth-contour door levers and locking tabs.

Impact absorbing surround to instrument panel.

Energy absorption device on steering column to cushion impact of body on steering wheel under severe impact loads.

Fuel lines located in the structure in such a way as to minimise the chance of fracture.

Universal joints between upper and lower steering columns and collapsible mountings allow displacement in a collision.

Specially padded tops to front seats help protect rear passengers' heads in event of frontal collision.

Spring loaded break-away holder for rear view mirror.

Reinforced seat belt anchorage.

Inertia-reel front seat belts fitted, operated by one hand.

Recessed petrol filler flaps, opening inwards, concealed beneath separate flush fitting caps, prevent loss of fuel in event of roll over.

Twin fuel tanks, each enclosed in a steel compartment, one in each rear wing.

Most of interior trim material treated for fire retardation.

Hazard warning system, utilising all four direction flashers.

Jaguar XJ4·2

SAFETY FEATURES

Primary Safety Features

Very wide section low profile radial-ply tyres with water expellent tread pattern for maximum grip in all weather conditions.

Servo-assisted disc brakes all-round, with ventilated discs at the front and separate hydraulic circuits to front and rear.

Brake pressure differential warning actuator indicating, through a warning light, any failure in either the front or rear circuit.

Wide track and low centre of gravity for greatest possible overall stability.

'Anti-dive' front suspension geometry for longitudinal stability, particularly when heavy braking is called for.

Power-assisted rack and pinion steering for ease and precision of control.

The mounting of the steering rack on the rear face of the suspension beam in a position of maximum protection.

Engine cannot be started unless automatic transmission lever is in 'Park' or 'Neutral' position. (Automatic models only).

Large window area with slim pillars for good all-round visibility.

Electrically heated rear window.

Centrally controlled door locking.

A central master switch isolates all window controls.

Child-proof safety catches concealed in rear doors.

Large area side lamps and direction flashers.

Large area rear view mirror with anti-dazzle secondary position.

Secondary Safety Features

An immensely strong body centre section.

Front and rear ends designed to provide progressive deformation characteristics to absorb the energy of impact.

All doors have a W-section barrier welded into them for best possible passenger protection in the event of side impact.

Burst-proof door locks on all doors.

Interior door panels have recessed smooth-contour door levers and locking tabs.

Impact absorbing surround to instrument panel.

Energy absorption device on steering column to cushion impact of body on steering wheel under severe impact loads.

Fuel lines located in the structure in such a way as to minimise the chance of fracture.

Universal joints between upper and lower steering columns and collapsible mountings allow displacement in a collision.

Specially padded tops to front seats help protect rear passengers' heads in event of frontal collision.

Spring loaded break-away holder for rear view mirror.

Inertia-reel front seat belts fitted, operated by one hand.

Reinforced seat belt anchorages.

Recessed petrol filler flaps, opening inwards, concealed beneath separate flush fitting caps, prevent loss of fuel in event of roll over.

Twin fuel tanks, each enclosed in a steel compartment, one in each rear wing.

Most of interior trim material treated for fire retardation.

Hazard warning system, utilising all four direction flashers.

Jaguar XJ3·4

SAFETY FEATURES

Primary Safety Features

Very wide section low profile radial-ply tyres with water expellent tread pattern for maximum grip in all weather conditions.

Servo-assisted disc brakes all-round, with ventilated discs at the front and separate hydraulic circuits to front and rear.

Brake pressure differential warning actuator indicating, through a warning light, any failure in either the front or rear circuit.

Wide track and low centre of gravity for greatest possible overall stability.

'Anti-dive' front suspension geometry for longitudinal stability, particularly when heavy braking is called for.

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Electrically heated rear window.

Child-proof safety catches concealed in rear doors.

Large area side lamps and direction flashers.

Large area rear view mirror with anti-dazzle secondary position.

Secondary Safety Features

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Most of interior trim material treated for fire retardation.

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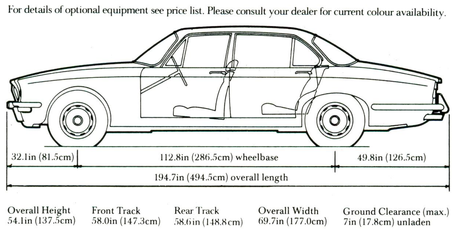
SPECIFICATIONS	Jaguar XJ 5.3	Jaguar XJ 4.2	Jaguar XJ 3.4
Engine Type Name	V12	XK	XK
Configuration	60 'Vee' 12 cylinder.	In-line, six cylinder.	In-line, six cylinder.
Bore	90mm (3.54in).	92mm (3.625in).	83mm (3.28in).
Stroke	70mm (2.76in).	106mm (4.17in).	106mm (4.17in).
Capacity	5343cc (326 cu in).	4235cc (258.4 cu in).	3442cc (209 cu in).
Compression Ratio	9.0:1.	7.8:1.	8.5:1.
Cylinder Head	Two aluminium cylinder heads. One camshaft per bank. In-line inlet and exhaust valves.	Straight port aluminium cylinder head with two overhead camshafts. Inlet and exhaust valves set in hemispherical combustion chambers.	
Cylinder Block	'Open-deck' aluminium alloy block with slip-fit cast iron cylinder liners.	Cast iron block with interference fit of cast iron liners.	
Pistons	Aluminium alloy.	Aluminium alloy with domed top forming part of the combustion chamber.	
Lubrication	Epicyclic crescent type oil pump.	Rotary vane pump.	
Fuel Supply	Lucas Electronic Fuel Injection system. 97 octane four star.	Two SU HS8 carburettors with an automatic enrichment device for cold starting. 97 octane four star.	
Electrical Equipment	Negative earth Lucas CP13/11 Pacemaker (68amp at 20-hour rate).	Negative earth Lucas CP 11 Pacemaker (66amp at 20-hour rate).	
Cooling System	Water pressurised. Impeller pump belt driven off crankshaft damper.		
Transmission	Three speed automatic transmission. Borg Warner Automatic model 12.	Four speed manual transmission with overdrive in top gear or Borg Warner automatic model 65 three-speed.	

COMMON TO ALL MODELS

Suspension: Front	Fully independent semi-trailing wishbones and coil springs, 'Anti-dive' geometry. Girling Monotube hydraulic dampers. Anti-roll bar.
Rear	Lower transverse wishbones with drive shafts acting as upper links. Radius arms. Twin coil springs and damper units. Girling Monotube dampers.
Wheels and Tyres	Dunlop silver painted sculptured steel wheels. Size 6JK rim 15" diameter. Dunlop SP Sport. Size 205/70 VR15 (5.3 model). E70 VR15 (4.2, 3.4 models).
Brakes	Servo assisted disc all round. Ventilated front discs. Separate front and rear hydraulic circuits.
Steering	Power assisted rack and pinion with energy absorbing column.
Body and Interior	Integral construction style of bodywork with four doors. Wrap-round chromium plated bumpers with rubber inserts and underriders at front. Overriders at rear. Forward hinged bonnet. Sealed fuel tank accommodation in rear wing panels. Black grained vinyl roof, chromium waist mouldings and coachline on 5.3 models. Laminated windscreen. Individual front seats with armrests on doors. Central armrest, utilising lid to cubby box. Seat facings in 'Connolly' leather on 5.3 and 4.2 models, cloth trim to 3.4 models. Cloth trim (4.2 and 5.3 models) optional. Front seat head restraints (not 3.4). Deep pile carpeting throughout. Fully instrumented facia panel. Steering column mounted control stalks. Central console with gear lever. Electric windows and central door locking system (not 3.4). Cigar lighter, individual ashtrays. Courtesy lights. Boot interior light. Front inertia reel seat belts. Electric clock. Anti-dazzle mirror in 'break away' holder. Front door mounted radio speakers, manual aerial. Push button radio on 5.3 models.
Instruments	Speedometer, tachometer, fuel gauge, water temperature gauge, oil pressure gauge, battery condition gauge.
Warning Lights	Main beam, hazard warning, ignition, handbrake, brake hydraulic failure, oil pressure, direction indicators.
Dimensions	Overall length 194.7in (494.5cm). Rear overhang 49.8in (126.5cm). Rear track 58.6in (148.8cm). Overall height 54.1in (137.5cm). Front overhang 32.1in (81.5cm). Front track 58.0in (147.3cm). Overall width 69.7in (177.0cm). Wheelbase 112.8in (286.5cm).
Extras	Air conditioning (not 3.4). Fog lamps. Whitewall tyres. Tinted glass. Chromium plated pressed steel wheels. Alloy wheels. Rear lap and diagonal seat belts. Choice of radios and stereo cartridge players. Four door-mounted speakers. Electric aerial. Remote control door mirror. Head restraints (3.4 model).

For details of optional equipment see price list. Please consult your dealer for current colour availability.



Overall Height 54.1in (137.5cm)

Front Track 58.0in (147.3cm)

Rear Track 58.6in (148.8cm)

Overall Width 69.7in (177.0cm)

Ground Clearance (max.) 7in (17.8cm) unladen

ADDENDUM
The chrome body side moulding fitted to the XJ5·3 Saloon has now been deleted.

IMPORTANT NOTICE

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Leyland Cars

British Leyland UK Limited, Grosvenor House, Redditch, Worcestershire B97 4DQ

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