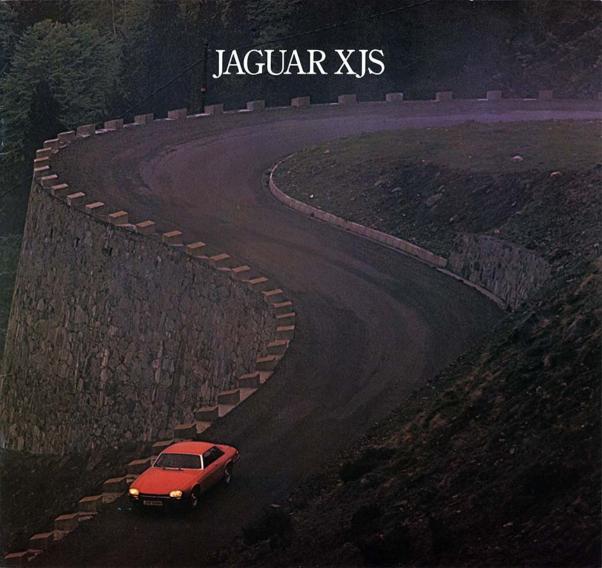
JAGUAR XJS





ADDENDA:

The radio serial is located in the right-hand near wing on some models. Philips AC 880 sterco radio/cassette player is now fitted.

Two manual control door-mounted mirrors now fitted.

Two rear log guard larges now fitted.





rare breed of car created for those who place perfection beyond price.

To say that in many respects it surpasses those few cars in its class, is an understatement.

The Jaguar XJS creates a class of its own.

Even for a Jaguar, its performance is breathtaking.

From a standing start, the XIS achieves 60 mph in around 8 secs.

It will accelerate from standstill to 100 mph in less than 18 seconds.

Maximum speed is around 150 mph.

aerodynamic design and fuel-injected 5.3 litre V12 engine combine to produce competitive fuel economy in the region of 15-18 mpg.

Aerodynamic forces are harnessed to contribute quite dramatically to the extraordinary roadholding and stability of the XJS.

In fact, every function has been re-examined to produce exclusive new designs worthy of the high performance of this, the pinnacle of Jaguar evolution.

These include the instrumentation, headlights, tyres and their kind in Europe.

The seats too, inevitably set the standard for others to follow.

And so silent is the XIS that it is amongst the world's quietest cars at any price.

The Jaguar XJS is at once a high performance car and a grand touring car which exceeds even the most aristocratic traditions of automotive comfort, safety and luxury.

No one but Jaguar could take you so fast and so far towards perfection.

The Jaguar XJS belongs to that rare breed of car created for those who place perfection beyond price.

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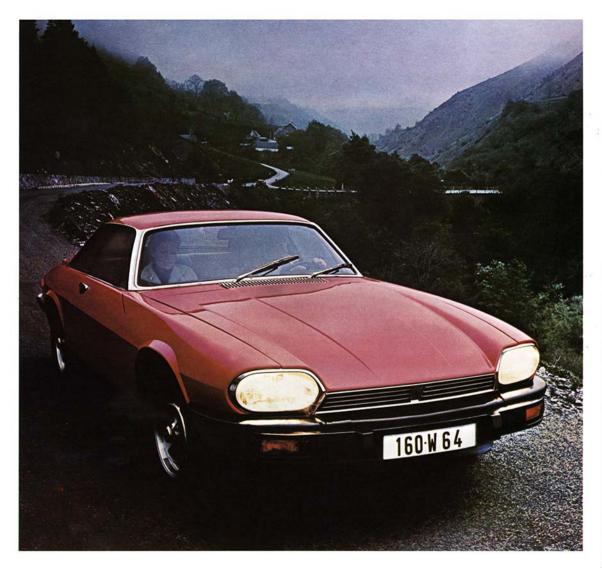
even telescopic bumpers, the first of their kind in Europe.

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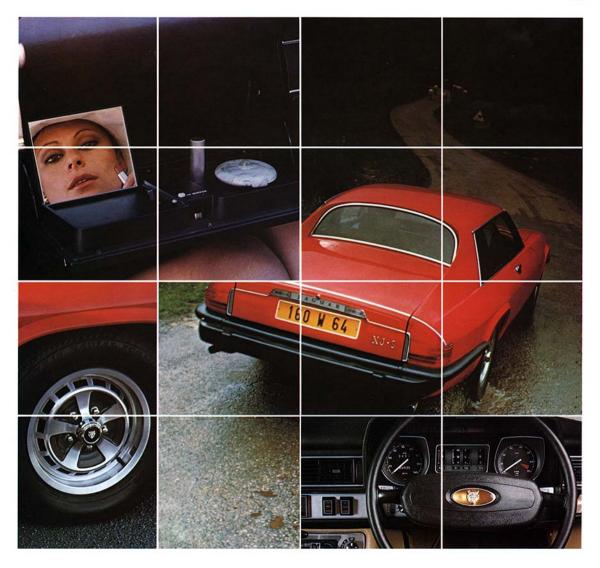
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The aerodynamic profile of the Jaguar XJS owes much to the flair of the late Malcolm Sayer, whose work was so successful on the famous sports racing Jaguars.

The airflow pattern has been specifically designed not merely to reduce drag, but to harness the aerodynamic forces to increase stability and hold the car down firmly on the road at high speeds.

New independent suspension marries anti-roll bars at front and rear. with a highly developed damper system at the rear.

The XJS handles sharp corners, bumpy roads and motorways in a way that no other car can match.

Whilst the precise accuracy of the power assisted steering geometry is perfectly matched to specially designed 205/70VR15 steel-braced radial tyres.

Ask them a serious question on wet roads and they respond confidently.

Yet they also offer an uncomplaining low rate of wear at continual high speeds.

Also developed for the XJS are the powerful new quartz halogen biode headlamps.

Designed specially by Cibie, they employ a system of auxiliary prisms and an outer lens to pierce the night far ahead with a spread of light that is both wide and long, for confident driving at high speeds.

They too, are the first of their kind in the world.



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The high peaks of performance which distinguish the Jaguar XJS are rivalled only by the depth of comfort and refinement throughout its interior.

Ergonomic.

All four seats are of an ergonomic design which contains you within its outer contours. The two front seats are fully adjustable and reclining.

The steering column too, is

adjustable for your comfort.

And whatever temperature you select is maintained automatically by the air conditioning within the XJS, regardless of the climate outside.

Yet the air at face level remains at a lower temperature, to prevent stuffiness and promote a cool head for fast driving

The doors can be locked by a single central switch on the driver's

console.

Electrically operated tinted windows, stereo radio/cassette player and heated rear window are standard. Silence.

The XJS is demonstrably one of the world's quietest cars.

Sound and vibration are, to a large extent, engineered out of the Jaguar and road noise is reduced to a minimum by the unique suspension system.

Insulation and anti-vibration pads are used extensively throughout the interior.

Even the wiring through the bulkhead is designed to reduce the number of entries through which noise may pass.

Red Alert.

The impressive instrumentation of the XJS is contained in a single nacelle, clearly visible through the steering wheel.

Instruments indicating fuel level, water temperature, oil pressure and battery condition are of a vertical, magnetic design for precise accuracy and reliability.

And no less than 18 mechanical and safety functions are monitored through a bank of warning lights. Red lights indicate major faults, such as brake failure. Amber lights denote secondary faults like brake light bulb failure.

In case of failure, a large red or amber light appears, to alert you immediately.

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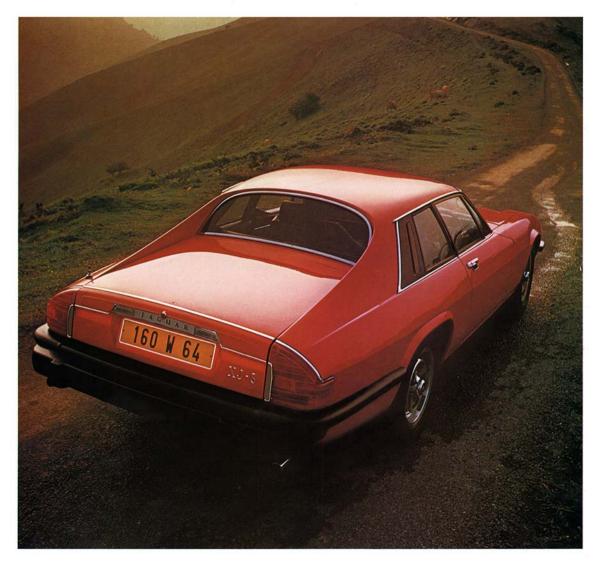
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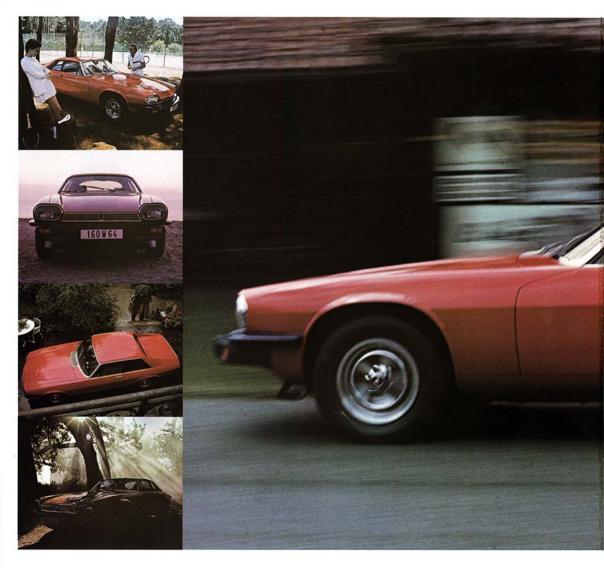
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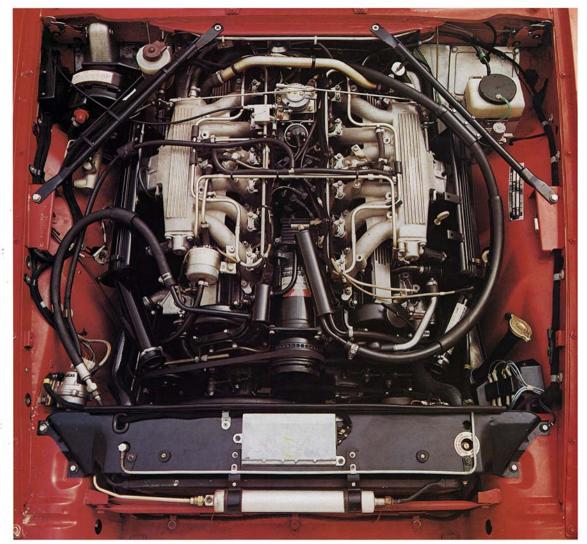
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The powerhouse of the XIS is the smooth Jaguar 5.3 litre V12 aluminium engine, with Lucas electronic fuel injection.

Every engine is individually bench tested before installation.

The extraordinary acceleration it produces is matched by very large. servo-assisted disc brakes at front and rear.

And so efficient is the fuel injection that you can expect around 20 mpg at a steady 56 mph.

- 1. Wrap-round front bumper incorporating low-speed impact hydraulic struts.
- 2. Cibie biode quartz-halogen headlamps.
- 3. Air dam and undershield.
- 4. Exclusively styled light alloy wheels with low-profile, wide tread, water expellent tyres.
- 5. Jaguar's 5.3 litre V12 engine with electronic fuel injection.
- 6. Power assisted rack and pinion steering with energy absorbing column.

However, at its maximum speed you may care to reflect that safety is a dominating feature of the taut XIS design.

The solid foundation of this safety is a steel Monocoque body shell which exceeds all current and anticipated safety regulations. Intrusion barriers are built into the very wide doors. These and other safety features are paramount.

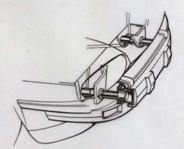
The boot is large, even by Jaguar standards. It is designed to meet rear

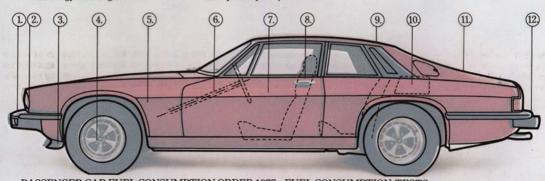
- 7. Wide doors with built-in side intrusion barriers.
- 8 Individual bucket seats front and rear.
- 9. All-steel monocogue body with forward opening bonnet.
- 10. Fuel tank located between rear seat and boot for maximum possible protection.
- 11. Deep and wide boot of 0.43m3 (15 cu.ft.) capacity.
- 12. Wrap-round rear bumper incorporating low-speed impact hydraulic struts.

impact requirements and accommodates as much luggage as XI saloons.

The bumpers both front and rear are mounted on Menasco hydraulic struts, which absorb impacts of up to 5 mph without flinching.

They were the first of their kind in Europe.





PASSENGER CAR FUEL CONSUMPTION ORDER 1977 - FUEL CONSUMPTION TESTS

The results of the officially approved tests for these models in miles per gallon and litres per 100 kilometers are as follows:

Model	Urban Driving		Constant Speed 56 m.p.h. (90 km/h)		Constant Speed 75 m.p.h. (120km/h)	
	m.p.g.	1/100 km	m.p.g.	1/100 km	m.p.g.	1/100 km
XJS Automatic (1979MY) XJS Automatic	11.4	24.8	19.8	14.3	17.2	16.4
(1980MY)	12.7	22.2	21.9	12.9	18.6	15.2

Important Note:
The results given here do not express or imply any guarantee of the fuel consumption of any particular car. Tests are not made on each car and there are inevitable differences between individual cars of the same model. Furthermore fuel consumption will be affected by particular modifications, by the driver's style and road and traffic conditions and by the extent to which a particular car has been driven and its standard of

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Jaguar XJS Specification

lights with switches and operated by

door switches. Clock.

ENGINE			FUEL SYSTEM			Rear layout	Lower transverse wishbones with drive shafts acting as upper links.
Type No of cylinders	Four stroke - pet water cooled 12 in 60° Vee	rol engine -	Type Pump	Recirculating. Lucas electric pe motor.	rmanent magnet		Radius arms. Twin coil spring and damper units. Girling Monotube dampers. Anti-roll bar.
Bore	90 mm	3.54 ins	Fuel specification	97 octane – four	star.	***	1000 A
Stroke Capacity	70 mm 5343 cc	2.76 ins 326 cu ins	TOTAL CONTROL OF THE		WHEELS AND T	TRES	
Piston area	763.2 cm ²	118 sq ins	ELECTRICAL EQU	ELECTRICAL EQUIPMENT		Wheels-type	GKN Kent Alloy. Light alloy wheels
Compression ratio Stroke/bore ratio	10.0:1 0.78:1		Polarity Starter Alternator output	Negative. Pre-engaged. 75 amps.		Size Tyres Size	to Jaguar design. 6JK×15 in rim. diameter. Steel braced radial-ply 205/70 VR 15
PERFORMANCE			Horns	Twin Lucas self	earthing.	5.00	
Power	295 PS (DIN) at 5		COOLING SYSTEM	ď		STEERING	
Torque	43.8 kgf.m.	317 lb/ft at 4000 rpm	Туре		d. Impeller pump	Type	Adwest power assisted rack and pinion with energy absorbing column.
CYLINDER BLOCK				belt driven off cri 1.056 kg/cm ²	ankshaft.	Wheel diameter	393.7 mm 15.5 ins
Туре	Open deck		Pressure Radiator	Marston Superpo	15 psi ik crossflow.	Turns lock to lock Overall ratio	3 turns 16:1 with an 8 tooth pinion.
Material Pistons	Aluminium alloy Aluminium alloy	solid skirt with	Thermostat Fans	Two wax type or 11 bladed nylon f	ening at 88°C. an with viscous	Pump	Saginaw rotary vane.
Piston rings	combustion char Three-two com			controlled electri	d thermostatically c 4 blade fan.	BODY	
	multi-rail oil conti	rol.				Type	All steel monocoque construction.
Crankshaft	Three plane, seve	en main bearings. anese molybdenum	EXHAUST				Two door four seater with forward opening bonnet and large boot.
	steel.	and horyotellan	Layout	Four downpipes : double skinned p two rear silencen	ipes. Two main and	Exterior features	Complete underbody protection. Twin manual remote control door mirrors. Front air dam and
CYLINDER HEADS				two rear suencers			undershield. Radio aerial. Flush
Material Camshafts	Aluminium alloy		TRANSMISSION				fitting filler cap cover. Recessed door handles.
Valve layout	Two-one per ba Single overhead	onk camshafts operating		Chino		Bumpers	Wrap-around front and rear bumpers
Valve lift Tappets – type Tappet clearance	bucket type tappe 9.525 mm Inverted bucket.	ets. 0.375 ins	Automatic Gearbox Torque converter Ratios	GM400 2.4:1 1st 2.48:1 2nd 1.48:1 3rd 1.00:1		Glass	consisting of a steel armature mounted to Menasco struts and with a synthetic rubber cover. Designed to meet 5 mph impact tests. Laminated windscreen with
inlet exhaust Valve timing	0.30 - 0.35 mm 0.30 - 0.35 mm	0.012 - 0.014 ins 0.012 - 0.014 ins	Axle ratio Overall ratios	Rev 2.08:1 3.07:1 1st 7.61		Oaso	toughened side and rear windows. Tinted glass is standard. Electrically heated rear window.
inlet exhaust	13°BTDC 55°BBDC	55°ABDC 13°ATDC		2nd 4.54 3rd 3.07 Rev 6.39		Locks and keys	Doors are fitted with high anti-burst load locks with flush fitting interior and exterior handles. Electrically
SUMP							operated central door locks. Separate keys for ignition, doors and
Type	Steel pressing wi	th internal baffles.	BRAKES				boot and glove locker. Bonnet release
			Type	Disc brakes all ro Dual circuit split			and locking lever below facia.
LUBRICATION			Layout	pressure different		INTERIOR	
Туре	Pressure.			actuator.		Seating	Two fully reclining front bucket seats.
Pump type	Internal and exter crescent type cut-	-off.	Servo	In line tandem va		10.000000 00	Head restraints. Two individual rear
Normal running pressure Filter	4.9 kg/sq cm Full flow paper el	70 psi	Discs - front	Type Diameter	Ventilated cast iron. 284 mm 11.18 ins	Upholstery	bucket seats. Seat facings trimmed in leather, Sides, backs and door trims in
			Discs-rear	Type	Cast iron with		expanded PVC. Nylon pile carpets for total floor area and lower door panels.
IGNITION					damper ring in periphery.		Interior is trimmed throughout in
Type Firing order	Lucas Opus electr 1a, 6b, 5a, 2b, 3a, 3b.	ronic. 4b, 6a, 1b, 2a, 5b, 4a,	Calipers - front	Diameter 4 piston caliper.	263 mm 10.38 ins	Seat belts	flame retardant materials. Inertia reel lap and diagonal. One handed operation locking buckles
Distributor Ignition timing Spark plugs Gap	Lucas magnetic ii Stroboscopic 5° I Champion N10Y 0.625 mm		Calipers – rear Rubbed area – front – rear – total	2 piston caliper. 1624 cms ² 956 cms ² 2580 cms ²	252 sq ins 148 sq ins 400 sq ins	Interior equipment	plug into quick release sockets. Stereo radio/cassette player and four speakers. Dipping rear view mirror with break-away support. Padded sun visors recessed into roof panel.
			SUSPENSION		-		Black leather grained facia and
INJECTION			Front layout	Fully independen	t semi trailing		console, Combined door pulls and armrests, Individual ashtrays front
Type Enrichment	Lucas electronic a	manifold injection.			oil springs. Anti-dive		and rear. Three interior and two map

geometry. Girling Monotube

dampers. Anti-roll bar.

Enrichment

Induction manifolds

Automatic cold start injector.

Two 6-branch aluminium alloy.

ELECTRICAL EQUIPMENT

Warning lights system

Instruments Instruments and warning lights set in facia panel in a compact self-contained unit in front of the driver.

Auxiliary instruments are "air cored" indicators. Speedometer calibrated 0-160 mph

with total and trip recorders.
Tachometer
0-7000 rpm red line 6500 rpm

Fuel level indicator.
Water temperature indicator.
Oil pressure indicator.
Battery condition indicator.

Instruments are illuminated by diffused green lighting. Dual system of warning lights with two "attention getters" giving warning to stop immediately (red) or investigate when convenient (amber).

Indicators (2)
Rear demist Heated rear window on.
Main beam Main headlamps on.
Fog Fog lights and rear fog guard lights

Volts Indicates battery overcharge.
Major fault warning Step car and investigate.
Step car and investigate.
Stop car and investigate.
Investigate as soon as possible.

Ignition Ignition on.
Fuel Low fuel level.
Hazard All indicators flashing.

Water Low coolant - red "attention getter."

Brake failure Low fluid or failure - red "attention getter."

Oil Low oil pressure - red "attention

Park Handbrake on – amber "attention

getter."

Park lamp Failure of any sidelight – amber
"attention getter."

Stop lamp Failure of brake light bulb - amber "attention getter." Controls and Switches

either sigle of the steering column for lighting and ignition. Column controls for two speed wipers, wish and single wipe, headlamp flash, dip and full beam. Padded steering wheel boss acts as hom push. Push-push switches for hazard, heated rear window, interior and map lights. Two air conditioning controls in lower console for automatic control and temperature selection. Two

rocker switches for electric windows and one for central door locking.

Facia mounted master switches on

Lighting
Headlamps Two Cibic biodes with two quartz

halogen filaments. All four operating on main beam.

Side lamps Integral with headlamps. Indicator

lamps housed in front bumper.

Rear lamps Rear light cluster in rear quarter
panels with wrap around lenses. Stop,
tall indicator and reflectors. Reverse

lights housed in boot trim rail. Twin rear fog guard lights.

Air Conditioning Combined heater and air conditioning unit mounted in facia.

Air blend system delivers air

automatically to the required temperature to windscreen facia and footwells. Multi directional outlets in outer ends of the facia and central yent.

of the facts and central vent. Automatic and manual override fan control with four speeds. Through flow ventilation via rear quarter panel outlets.

DIMENSIONS

4.87 m	191.72 ins
1.26 m	49.65 ins
1.79 m	70.60 ins
2.59 m	102.00 ins
1.47 m	58.00 ins
2.49 m	58.60 ins
140 mm	5.50 ins
	1.26 m 1.79 m 2.59 m 1.47 m 2.49 m

INTERIOR DIMENSIONS

Front headroom	914 mm	36.0 ins
Rear headroom	826 mm	32.5 ins
Maximum width - front	1422 mm	56.0 ins
Maximum width - rear	1346 mm	53.0 ins
Seat squab to brake pedal	521 - 362 mm	20.5 - 14.25 ins

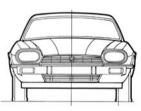
LUGGAGE COMPARTMENT

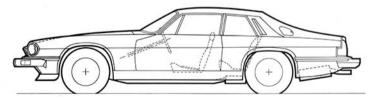
Maximum height	565 mm	22.25 ins
Maximum depth	572 mm	22.5 ins
Maximum width	991 mm	39.0 ins
Capacity	$0.43 \mathrm{m}^3$	15 cu ft

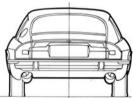
KERBSIDE WEIGHT

1755 kg	3868 lb

(Weight includes automatic transmission, automatic air conditioning, energy absorbing bumpers, door side intrusion members, electric windows, central door locking, radio with electric aerial and full tank of fuel).







SUPERCOVER

Even if you never need it, it's good to know you've got it.

Applicable only to vehicles used within the United Kingdom. Supercover provides one of the most comprehensive after sales packages

for today's motions for our most comprenense after saies package for today's motorists. For BL car owners—nobody else! Stringent quality control checks are carried out, at each stage of production and the vehicle is then given an extensive check by the dealer prior to sale. So when you buy your new vehicle you can be confident that

everything possible has been done to ensure that it is in good condition.

This high standard of care is continued during the first year of ownership. Free parts and labour warranty; your vehicle is protected by a full year's warranty", regardless of how many miles you drive during that year!

year's warranty', regardless of how many miles you drive during that year!
Free 24 hours AA Roadside assistance for one year; from the day you
first drive it out of the showroom your car is protected by Supercover AA
benefits offering 24 hour roadside assistance wherever you are travelling in

the UK with the full backing of over 3,000~AA radio patrols. Plus access to all the other established AA services such as legal advice and travel

Free get-you there recovery service for one full year; if the vehicle breaks down and the AA cannot arrange a prompt local repair, the motorist and up to four additional passengers will be transported free of charge by AA Relay to whatever destination required within the UK mainland.

Option to purchase Second Year of Supercover Protection at inflation proof prices; you can continue to enjoy the complete protection of Supercover with or without AA benefits for a further year. This may be purchased at the same time as your new car for convenience of a single transaction or taken up within sixty days by may.

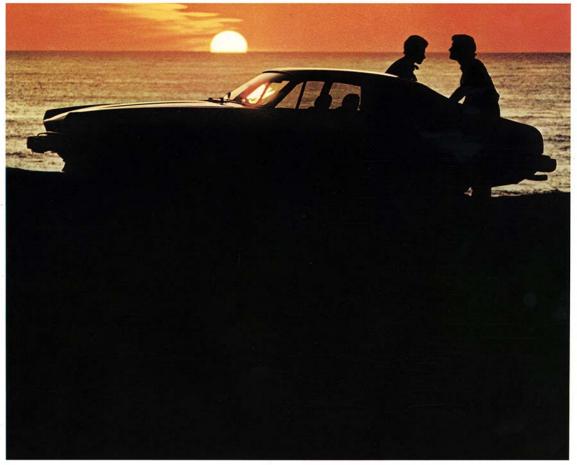
Supercover offers flexible protection; if it is difficult to return your car to your original dealer, you may get warranty work done at any one of our franchised dealer network, by far the largest in the UK. Supercover is a permanent charter for the British motorist. It gives you

one more reason for buying Jaguar.
*As under the Vehicle Service Statement.

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Jaguar Rover Triumph