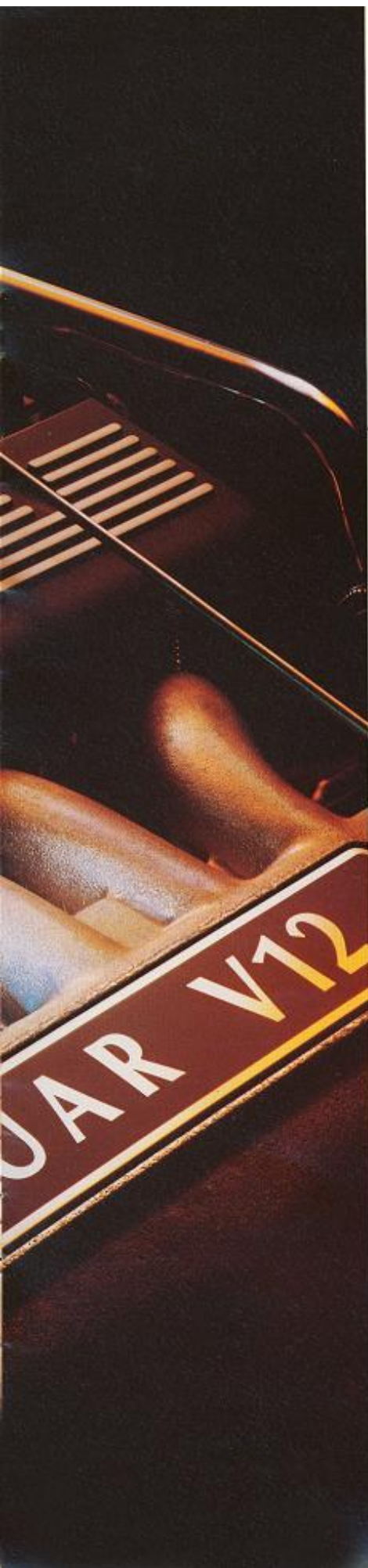












Impressively neat in its beautifully engineered compartment, the 6.0 litre overhead-camshaft V12 engine has been developed from the famous 5.3 litre unit, variants of which have achieved hundreds of motor racing victories, notably in 6.9 litre form against the world's finest sports cars in the 1988 Le Mans 24-hour race.

With new flat-top pistons and revised combustion chambers, and with the stroke increased from 70 to 78.5 mm, raising the capacity from 5345 to 5994 cc, the power is now

318 BHP (234 kW) at 5400 rev/min. The maximum torque, responsible for the engine's remarkable flexibility, low-down punch and pulling power, is a massive 342 lb-ft (463 Nm) at only 3750 rev/min.

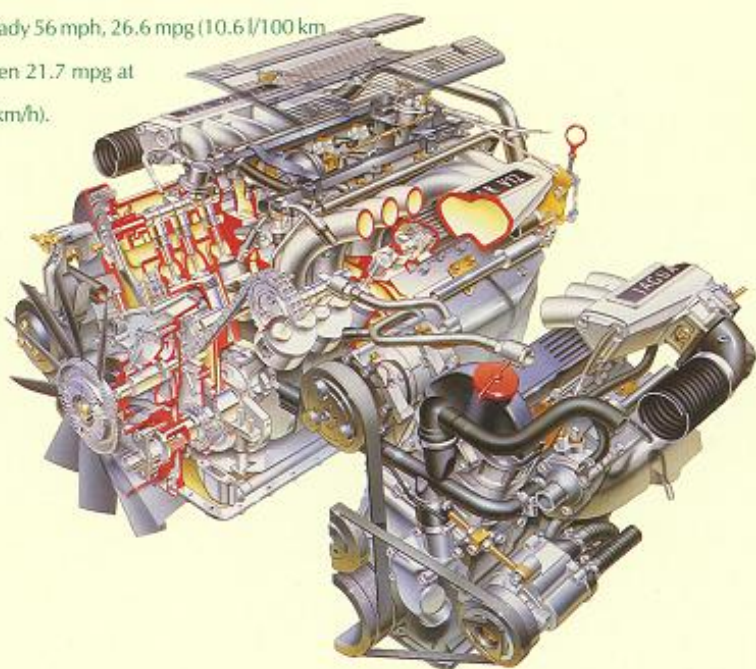
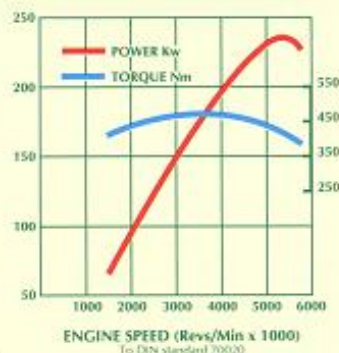
Smoothness and refinement are even more remarkable than before, through improved crankshaft balancing and a modified camshaft profile.

Thanks in part to a revised Lucas Marelli electronic engine management system and a new low-loss catalyst exhaust system, fuel consumption remains surprisingly low: at a steady 56 mph, 26.6 mpg (10.6 l/100 km at 90 km/h) is achieved, and even 21.7 mpg at 75 mph (13.0 l/100 km at 120 km/h).

And, like every other Jaguar engine, each power unit is individually tested both on the bench and in the completed car, first on a rolling road and then on the actual road by an experienced tester.



THAT INCOMPARABLE POWER UNIT







UNMISTAKABLY SPORTING

The XJ12 looks very much a Jaguar, smooth and elegant, but it has a definite sporting air that sets it apart. The purposeful black grille,



with its distinctive gold Jaguar head badge, is flanked by four headlamps, which have power-wash jets. At the side, the aggressive character is confirmed by the gold-badged alloy lattice wheels and the twin sports coachline.

A sporting character from every angle!

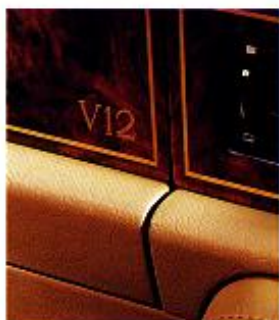




UNRIVALLED SPECIFICATION AND VALUE

Understandably, emphasis has been placed upon the outstanding sporting appeal of the XJ12. However, equally important are the typical Jaguar appointments and benefits, of which some are:

- The air conditioning system, a standard fitment, which now has a CFC-free refrigerant.
- The superior audio system, with 8 speakers and RDS (Radio Data System). A 6-disc CD autochanger mounted in the boot (which has a carefully planned layout maximising its



SPECIFICATIONS

XJ12

ENGINE TYPE	60° Vee twelve Aluminium alloy cylinder head/block SOHC per bank 2 valves/cylinder
Displacement (cm ³)	5994
Bore x Stroke (mm)	90 x 78.5
Compression ratio	11.0:1
Maximum power DIN BHP (kW) @ rev/min	318 (234) @ 5400
Maximum torque DIN lb.ft. (Nm) @ rev/min	342 (463) @ 3750
Combustion chambers	May high efficiency
Ignition system	Marelli electronic
Fuel system	Lucas electronic injection
Fuel grade	95 RON unleaded
TRANSMISSION TYPE	GM 4 speed electronic automatic
Top gear ratio	0.75:1
Final drive ratio	3.58:1
MPH per 1000 rev/min in top gear	28.6
WHEEL TYPE/SIZE	Alloy 8" x 16"
Tyre size	225/55 ZR16
Drag coefficient	0.36
BRAKING SYSTEM	Hydraulic power assisted 4 wheel disc brakes ventilated at front. 4 wheel sensing anti-lock braking system with yaw control. Safety split front and rear circuits with fluid level and anti-lock failure warning. Hand operated mechanical parking brake on rear wheels.
STEERING	Rack and pinion power assisted steering with 2.8 turns lock to lock. Energy absorbing steering column with 5 position tilt adjustment and (SRS) airbag steering wheel. Turning circle 40ft 8in (12.4m) between kerbs.
SUSPENSION - FRONT	Fully independent with unequal length upper and lower wishbones arranged to provide anti-dive effect under braking. Steel coil springs, telescopic dampers and anti-roll bar.
- REAR	Fully independent with hubs located at lower ends by wishbones and driveshafts acting as upper links. Wishbones designed for anti-squat and anti-lift under acceleration and braking. Concentric steel coil springs and dampers.
BODY CONSTRUCTION	4 door saloon. All steel monocoque construction with front and rear crumple zones including front crush tubes. Wrap around protective bumpers.
PAINT AND PROTECTION	Box sections and closed members hot wax injected. Cathodic electro-coat. Clear over base paint process with automated electrostatic application of primer/sealer and clear coats. Twin colour coats. Bituman wax underseal.
PERFORMANCE (manufacturer's estimates)	
Acceleration - 0-60mph (0-100km/h)(s)	6.8 (7.2)
Top speed - mph (km/h)	155 (250)
ECONOMY	
Urban cycle - mpg (litres/100km)	12.9 (21.9)
56mph - mpg (litres/100km)	26.6 (10.6)
75mph - mpg (litres/100km)	21.7 (13.0)
WEIGHT	
Maximum kerb weight - lb (kg) with options	4376 (1985)
Gross weight - lb (kg) maximum permissible	5302 (2405)

The fuel economy figures were obtained from tests carried out in line with the Passenger Car Fuel Consumption Order 1983.

STANDARD EQUIPMENT

MECHANICAL

Adjustable tilt steering column
Anti-lock braking system
Auto transmission - 4 speed electronic with sport and normal modes
Catalyst exhaust system - stainless steel
Cruise control
Forged lattice alloy 16" wheels with 225/55 ZR tyres
Gearshift interlock
Limited slip differential
Power boost assisted 4 wheel disc brakes
Power assisted steering
Sports suspension
Supplementary driver airbag

EXTERIOR

Black radiator grille vanes
Chrome rear lamp trim
Electric aerial
Electrically adjustable and heated door mirrors
Electrically heated windscreen washers
Gold grille badge and wheel badges
Heated headlamp powerwash
Heated rear window with timer
Rear fog lamps
Sports coachline
Four circular halogen headlamps
Two speed windscreen wiper with variable intermittent mode and programmed wash/wipe

INTERIOR

Air conditioning with automatic temperature control and air recirculation facility
Burr walnut veneer console and switch packs
Burr walnut veneer facia and door cappings with inlay
Central locking, including boot and fuel filler, by key and remote control
Colour keyed facia and top rolls (except Isis Blue trim)
Custom designed high power audio system with Radio Data System (RDS) and 8 speakers
Digital clock
Door key operation closes windows/sunroof
Electric remote boot lid release
Electric windows with "one touch open" on driver's window
Front map reading light and twin front interior lights
Glovebox lid "V12" logo
Illuminated door and console switch packs
Inertia reel front and rear seat belts and rear centre lap belt
Kerb illumination lamps on all doors
Laminated windscreen and tinted glass
Leather trim
Lockable illuminated glovebox
"Panic" switch for central locking/unlocking and window/sunroof close
Passenger grab straps
Reading lamps in rear pillars
Rear seat head restraints with manual height and tilt adjust
Recessed rear seat belt buckle stowage
Security system with remote control
Ten way electrically adjustable front seats and head restraints with driver's "entry" button
2 position driver memory including exterior mirrors, electric lumbar support
Trip computer with cyclic display control on left hand column stalk
Twin sunvisors with illuminated vanity mirrors
Web locking on front seat belts
4 spoke steering wheel with horn pushes on upper spokes

OPTIONAL EQUIPMENT AT EXTRA COST

EXTERIOR

Electric steel sunroof
Front fog lamps integrated into spoiler
Heated front windscreen
Ride levelling rear suspension

INTERIOR

CD Autochanger
Contrast piping (leather seat trim only)
Front passenger seat and head restraint memory (with heated front seats)
Heated front seats
Magnolia trim
Rear window sunblinds
Sheepskin passenger footwell rugs
Ultrasonic intrusion sensing security system

NO COST OPTION

Charcoal facia and top rolls
Metallic/metallic paint
Sculptured fabric seat facings with matching leather borders

capacity) is available as an optional extra.

• A security system which monitors doors, boot, bonnet and ignition. An ultrasound system sensitive to movement within the car is also optionally available.

• Programmed wash/wipe, and intermittent wipe which varies according to the speed of the car.

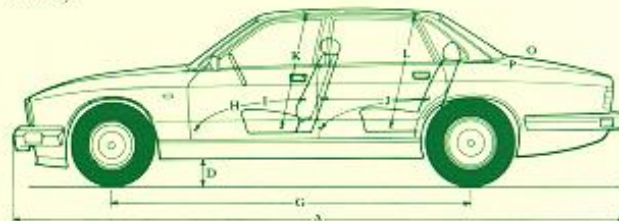
• Electrically heated exterior mirrors which can automatically dip when reverse is selected, and an optional heated front screen.

These are just examples. Examine the detailed specification given here, and then consider one final point: inspection will show that the new Jaguar XJ12 offers not just a unique sporting package, but also incomparable value for money.

DIMENSIONS

XJ12	
A Overall length in. (mm)	196.4 (4988)
B Overall width including mirrors in. (mm)	79.3 (2015)
Overall width excluding mirrors in. (mm)	70.6 (1793)
C Overall height in. (mm)	54.3 (1380)
D Ground clearance - minimum at CVW in. (mm)	4.7 (120)
E Track width - front in. (mm)	59.1 (1500)
F Track width - rear in. (mm)	59.0 (1498)
G Wheelbase in. (mm)	113.0 (2870)
H Maximum legroom - front driver in. (mm)	41.8 (1062)
I Maximum legroom - passenger in. (mm)	45.1 (1145)
J Minimum legroom - rear outboard in. (mm)	30.9 (785)
K Maximum headroom - front in. (mm)	38.7 (983)
L Maximum headroom - rear in. (mm)	36.5 (928)
M Shoulder width - front in. (mm)	57.5 (1460)
N Shoulder width - rear in. (mm)	57.6 (1463)
O Boot volume cu. ft. (m ³) - usable	12.24 (0.35)
P Fuel tank capacity Imp. gal. (litres)	19.0 (86.4)

Note: Dimensions refer to a standard car but may vary marginally from car to car due to design and production tolerances. The nominal condition has been used whenever possible. Please consult your dealer for details of charges associated with option fitment.



This brochure describes the general features of the Jaguar XJ12. However, specifications and availability do vary from country to country and it is therefore essential to refer to your dealer for specific details of the cars available in any particular country.



Important Notice

Jaguar Cars Limited is constantly seeking ways to improve the specification, design and production of its vehicles and alterations take place continually. Whilst every effort is made to produce up to date literature, this brochure should not be regarded as an infallible guide to current specifications, nor does it constitute an offer for the sale of any particular vehicle.

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ECO-CHECK* ★ ★ ★ ★ ★



JAGUAR CARS LIMITED BROWNS LANE ALLESLEY COVENTRY CV5 9DR ENGLAND

Designed & Produced by Warwick, Coventry, England. Reproduction by Qualitech Photo Litho, Stockport, Cheshire England. Printed in England by H.A. Smith & Son Limited, Coventry, England.

Acceleration from 0-60 mph in 6.8 secs (0 to 100 km/h in 7.2 secs) and a maximum speed (where conditions and legislation permit) of

**GRACE, SPACE AND
(MORE THAN EVER!) PACE**

155 mph (250 km/h): these would be sparkling figures for an out-and-out sports car.

For a large saloon, they are quite remarkable, and give a good idea of the character of the new Jaguar XJ12.

They are even more remarkable when one realises that this sparkling performance is not achieved at the expense of the luxury, comfort, safety and, above all, refinement for which Jaguars are famous. XJ12 passengers can relax and enjoy being conducted as much as the keen driver will revel in controlling this outstandingly sporting machine - a machine, moreover, which is backed by a new 3-year 60,000 mile (100,000 km) warranty, with 6 years' cover against corrosion, and 3 years' against paintwork and surface corrosion, plus full RAC Incident Management.



Despite today's crowded roads and restrictions, there are some rare cars that still provide the sheer driving pleasure which can be enjoyed

EXCEPTIONAL ROADCRAFT

for its own sake. Effortless power must be there, of course, together with responsive handling, roadholding, ride and - if possible! - refinement. As you would expect, the new Jaguar XJ12 presents an unrivalled combination of these virtues.

To complement the XJ12's performance is precise rack-and-pinion power steering and an all-independent sports suspension system with uprated front springs, dampers and anti-roll bar. A limited slip differential is also a standard feature.

The anti-lock power braking system has two-piston front disc calipers to match exactly the car's weight distribution. This is just one of the XJ12's safety features, which include energy-absorbing front and rear structural members, anti-intrusion door beams, a steel bulkhead isolating the fuel tank, and a sophisticated inertia switch which shuts off the ignition and unlocks the doors in the event of a collision.

Externally, a hint of the XJ12's character is given by the 8" x 16" forged alloy wheels shod with low profile 225/55 tyres - and a proud Jaguar XJ12 silver badge on the boot.







A close-up photograph of the interior of a Jaguar XJ12, focusing on the driver's side. The image shows the leather-upholstered seat with a wood veneer trim panel. On the wood panel, there is a rectangular chrome-plated light switch and a cluster of six rectangular buttons for seat adjustments, including 'EXTR' (extra electric heating) and memory settings. The lighting is warm and focused on the controls.

COMFORTABLY IN COMMAND

Luxurious hand-crafted leather and hand-cut polished veneers play their traditional Jaguar role even in the sporting environment of the XJ12's driver's compartment, but the V12 badge on the walnut finished glovebox reminds one that this is no ordinary luxury saloon.

Providing the shoulder and upper back support required in a sporting car (and with electric adjustment for the lumbar region), the driver's leather trimmed seat (with optionally extra electric heating) is electrically adjustable for height, tilt and reach. The driver's seat also has two-position memory which includes head restraint and exterior mirror settings. (Electric heating and memory are optionally extra on the passenger's seat).

The 5-position tilt-adjust steering wheel has an integral Supplementary Restraint System in the form of an airbag on the driver's side. There are clear analogue instruments with a walnut finish surround, 18 'secret until lit' warning lights, and an LCD diagnostic message centre which doubles as a trip computer.

The new GM4L80E 4-speed automatic transmission, with 'Sport' and 'Normal' modes, has a revised and improved '1-gate' selector. This gives the driver the degree of control essential in a car as sporting in character as the Jaguar XJ12.



