



XJ SPORT · SUPERCHARGED XJR

The

new XJ Sport range combines the power and glory of Jaguar's sporting heritage with the world-class refinement of the Jaguar saloon. The two XJ Sport models and the supercharged XJR spring from Jaguar's powerful sporting tradition and flair for engineering innovation.

These are Jaguars that reveal a glint of bare teeth. These Jaguars are for drivers who want to experience a more demanding interaction with their car. To feel a certain discipline imposed by firmer suspension and tauter steering. To hear an occasional undercurrent of aggression. To cut a more extrovert dash with a car that has a distinctively lower profile.

The XJ Sport range satisfies such needs according to their intensity. At a price which offers impressive value for money, the 3.2 and 4.0 litre models express a mood swing from sparkling vitality to forceful dynamism. The new, highly sophisticated and uncompromising 4.0 litre supercharged XJR goes all the way from silken ease to volcanic exuberance.

Take the power, relive the glory - in all the refinement of the Jaguar XJ Sport range.

XJ SPORT 3.2 litre · XJ SPORT 4.0 litre · XJR 4.0 litre Supercharged



Jaguar's irresistible force



What most distinguishes the appearance of the XJ Sport and the XJR from their XJ Series stablemates is their uncompromising stance.

The sheer athleticism of the body lines ... the low trajectory of the sports suspension ... the gleam of indestructibility on the diamond polished alloy wheels ... the lowest-profile tyres ever seen on a production Jaguar ... the bright mesh of the XJR's front grille ... these are all part of the enormous confidence and composure of the XJ Sport range.

In motion, this composure lays total claim to the road. Jaguar's rack-and-pinion steering and highly-tuned double-wishbone suspension mounted on unique, custom-developed tyres impose Jaguar's mastery of ride and handling with a conviction that is rarely glimpsed outside a grand prix circuit. Speed-proportional power steering assists low-speed manoeuvres but is progressively positive and linear in its responses as speed increases. A unique ride and handling package achieves exceptional stability with undeviating purpose.



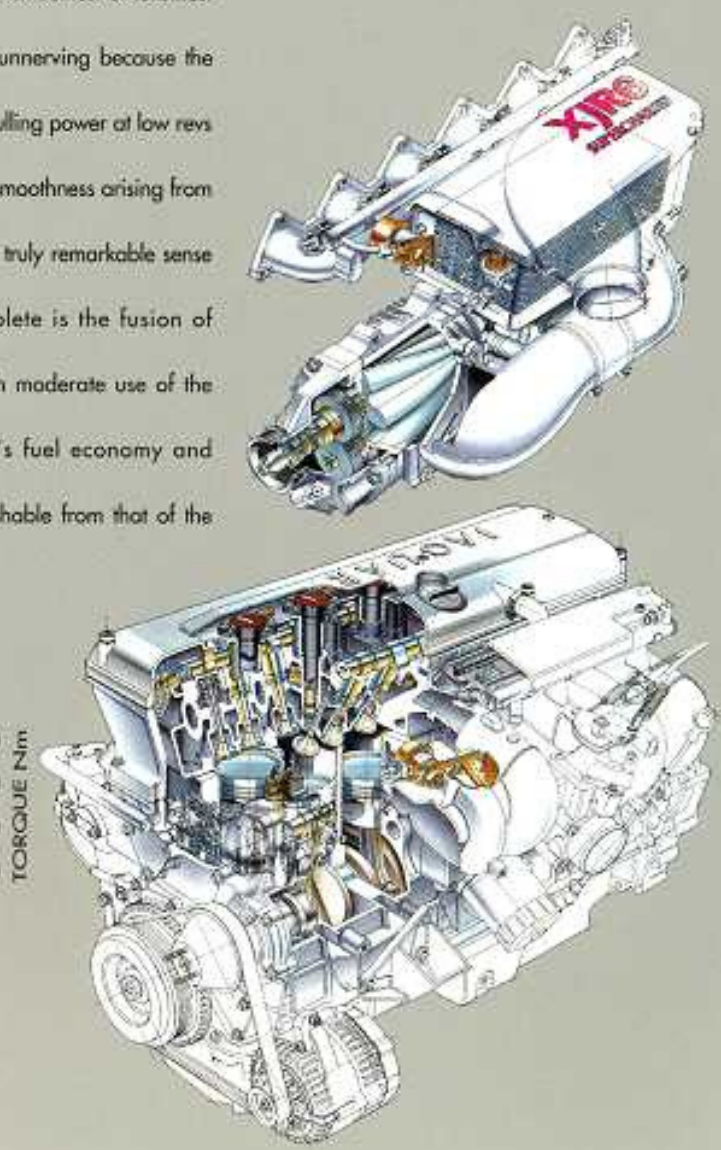
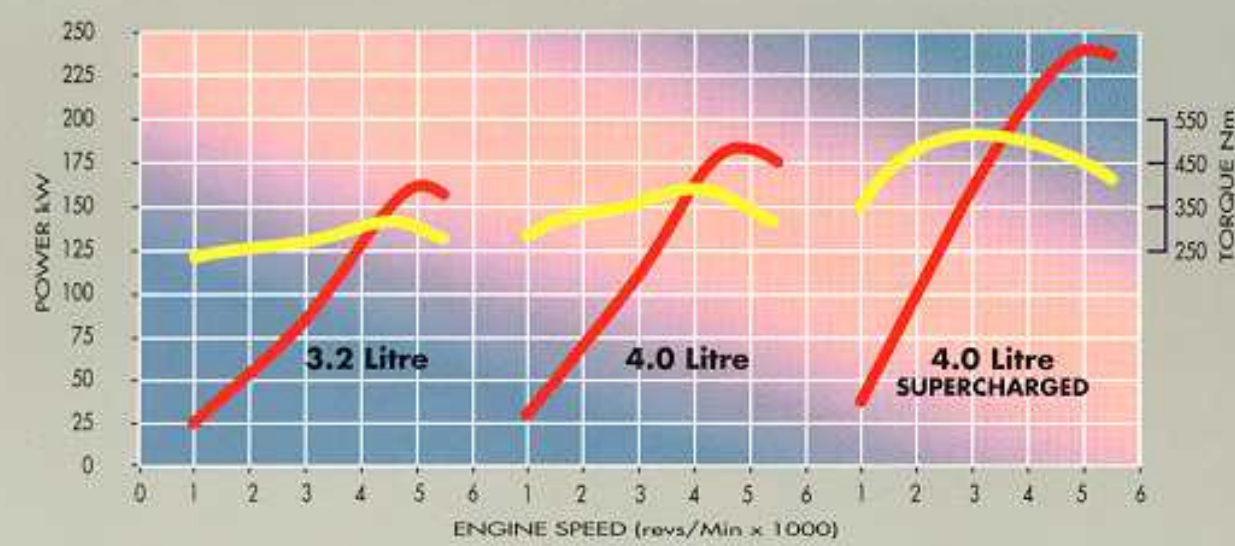


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oth XJ Sport models and the XJR are powered by the six-cylinder AJ16 – a comprehensive redevelopment of Jaguar's highly successful AJ6 engine. Overcoming the challenge of improving on excellence, the six-cylinder 3.2 litre and 4.0 litre AJ16's make significant advances in power, torque, smoothness and economy.

With an output of 322 DIN BHP the XJR's supercharged 4.0 litre engine is capable of producing 378 lb.ft. of torque at 3,050 rpm. Operating well within its limits by adding an inlet manifold boost pressure of up to only 10.5 psi, the intercooled supercharger operates seamlessly and silently until its effortless production of an additional

77 bhp merely creates a sound like the smoothest of turbines. Acceleration can be fierce but never unnerving because the unit's enormous torque gives extreme pulling power at low revs in every gear. This, combined with the smoothness arising from a lowered compression ratio, creates a truly remarkable sense of controlled aggression. So complete is the fusion of performance and refinement that with moderate use of the accelerator the supercharged unit's fuel economy and behaviour can be virtually indistinguishable from that of the conventionally aspirated 4.0 litre AJ16.



Jaguar sporting power and aggression has never been more refined.

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he XJ Sport and XJR accentuate the authenticity of their sporting character with unique wheel designs, distinguishing badges and a choice of traditional sporting colours which includes British Racing Green and a unique, particularly vibrant, Turquoise. But though vivacious, there is nothing superficial about these cars. There is no unnecessary spoiler or trim to compromise their sporting integrity. As if to emphasise the point, the window framing is black and many external details are body colour matched – hinting at the competitive intensity within the sporting pedigree.

In the process of refining every facet of the new Series' appearance, the number of separately manufactured panels was reduced. This gained body strength and reduced weight, creating new potential for every aspect of sporting performance. Built to finer tolerances, the fit of the bonnet, sunroof, doors and boot becomes almost seamless. Glazing is almost flush with the bodywork.

The overall visual impact is one of streamlined flawlessness.

the XJ sports range possesses authentic sporting integrity





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aguar sporting style and flair are given total freedom of expression in the XJ Sport range. But in the evolution of classic Jaguar design, every change must play its part in creating a better machine.

The raised boot profile adds balance, presence and authority. It also creates a large, highly accessible, carpeted carrying space with a flat floor concealing the sunken spare wheel compartment. Two pairs of rounded headlights complement and enhance the muscular curvatures of the bodywork. More practically, they shed intense light on the road and incorporate electric levelling to help ensure driver vision remains unimpaired. Side mouldings and single-assembly bumpers are colour-keyed to the body work to combine aesthetic integrity with strength and robustness.



Both the 3.2 and 4.0 litre XJ Sport and the supercharged XJR each have unique wheel designs that do more than dazzle. They possess a performance-enhancing combination of lightness and strength endowed by their exceptional size – 8 x 16 inch on the XJ Sport and 8 x 17 inch, the largest-ever on a production Jaguar, on the XJR. The aggressively low-profile tyres, the Pirelli



P Zero being specially developed for the XJR, give total conviction to the range's sporting stance. But they, too, are essential elements in the XJ Sport range's superb ride and handling package, possessing unique front springs, damper settings and rear anti-roll bar.

The XJ Sport range is simply world-beating in its ability to provide exceptional comfort and yet take on the challenge of extremes.



XJ Sport 3.2 Litre.

An extraordinary level of vehicle control is available to the driver of the XJ Sport range. Sports seats and a fully adjustable steering wheel ensure the perfect driving position. Between the hands and beneath the feet is a quality of dynamic response that stems directly from Jaguar's racing achievements. The steering system is one of the most positive and driver-responsive to be found in any car. The engines are flexible and eager. The large-caliper disc-brakes – ventilated front and rear – are exceptionally fade-resistant, smooth and powerful.



Less obviously, perhaps, Jaguar's racing heritage is equally present at the driver's fingertips. The fascia control switches make themselves available to the driver with the immediacy so vital in competitive conditions. And because complete control cannot be achieved without total awareness, the same principle of immediacy determines the way driver's instruments display information.

Control switches are colour keyed with the dark tones of the wooden fascia – with the effect that the large, rounded switches are easy to locate, friendly to touch but self-effacing until needed. The simplicity and clarity of the large instrument displays require no more than a glance of the eye. Oil pressure, battery charge, fuel level, water temperature, engine revs and speed. All the essentials, no more no less.



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hough matching the luxury and refinement found throughout the new XJ Series, the XJ Sport range's interiors are more contrasting in tone. In keeping with the single-mindedness of the competitive spirit, colour keying is subtle and extensive. The superb wood veneers are uniquely, richly dark in tone. Characteristically, the stained maple of the centre console is delicately accentuated by the small, gold Jaguar or embossed XJR emblem recessed into the dark leather steering wheel.

While leather is a cost option on the sports seats of the XJ Sport models it is a no cost option on the XJR. All XJ Sport models feature wool-blend cloth upholstery as standard. Their appearance and the additional grip they exert on the occupant are entirely appropriate to a serious sporting saloon.

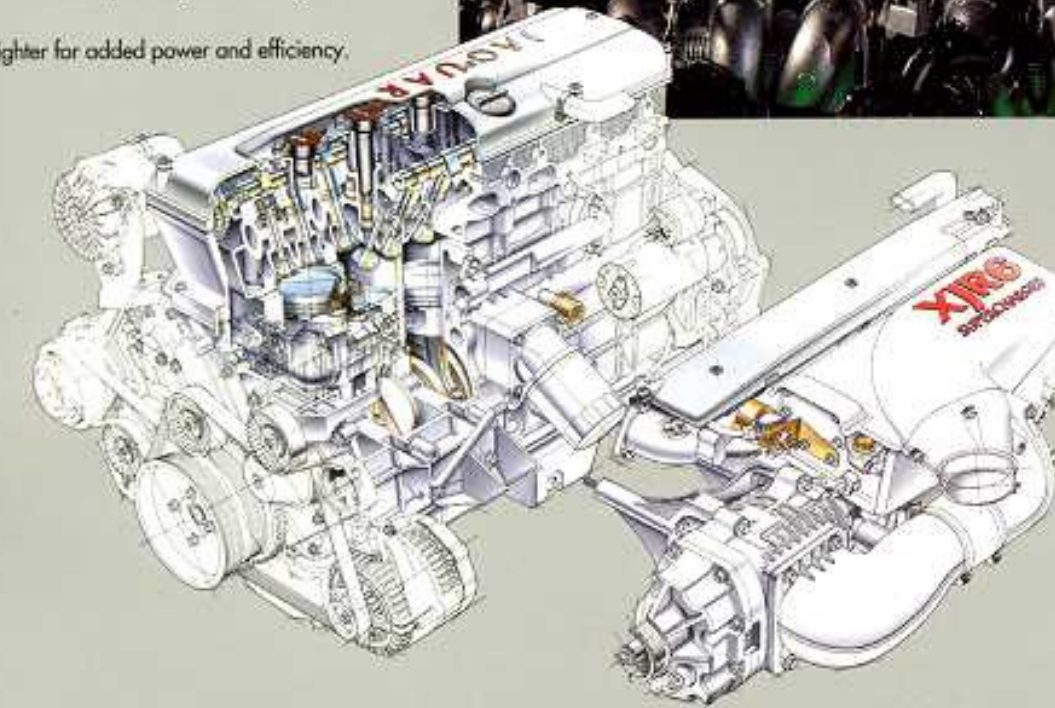
The XJ Sport range gives luxury a competitive edge.



In every respect, the XJ Sport and XJR interiors offer all the world-class refinements of the new XJ Series saloons. Throughout the XJ Sport range the interior detailing: reading lights, sunglasses holder and illuminated vanity mirrors provide style, comfort and functionality for driver and passengers alike. Electric front seats with three-position memory, state-of-the-art climate control system, tilt/slide steel sunroof, sophisticated radio-cassette CD system with a specially-developed Harman Kardon system for unrivalled in-car entertainment; a wooden steering wheel, carefully matched to the interior... these and many other options complete a sporting saloon of rare refinement.



The all-alloy, 24-valve AJ16's new cylinder block is tightly sealed and better drained, reducing lubricant drag on the high-lift profile camshafts. On-plug coils are a feature of the lighter, noise-reducing magnesium cam cover. Pistons are made of higher grade alloy in response to the increased compression ratio of the 3.2 and 4.0 litre XJ Sport engines. Valve gear is 20% lighter for added power and efficiency.



SPECIFICATIONS

ENGINE TYPE	AJ16 in line 6 cylinder Alloy head/block DOHC 4 valves/cylinder		AJ16 in line 6 cylinder Alloy head/block DOHC 4 valves/cylinder		AJ16 in line 6 cylinder Alloy head/block DOHC 4 valves/cylinder	
Displacement (cm³)	3239		3980		3980	
Bore x Stroke (mm)	91 x 83		91 x 102		91 x 102	
Compression ratio	10:1		10:1		8.5:1	
Maximum power DIN BHP (kW) @ rev/min	216 (161) @ 5100		245 (183) @ 4800		322 (240) @ 5000	
Maximum torque DIN lb.ft. (Nm) @ rev/min	232 (315) @ 4500		289 (392) @ 4000		378 (512) @ 3050	
Combustion chambers	Pent roof		Pent roof		Pent roof	
Ignition system	Electronic		Electronic		Electronic	
Fuel system	Electronic injection		Electronic injection		Electronic injection	
Fuel grade	95 RON unleaded		95 RON unleaded		95 RON unleaded	
TRANSMISSION TYPE	5 speed manual	4 speed automatic	5 speed manual	4 speed electronic automatic	5 speed manual	4 speed electronic automatic
Top gear ratio	0.76:1	0.73:1	0.76:1	0.73:1	0.76:1	0.73:1
Final drive ratio	3.77:1	4.09:1	3.58:1	3.58:1	3.27:1	3.27:1
MPH per 1000 rev/min in top gear (5th manual)	26.9	25.6	28.3	29.3	30.1	30.3
WHEEL TYPE/SIZE	Alloy 8" x 16"		Alloy 8" x 16"		Alloy 8" x 17"	
Tyre size	225/55 ZR16		225/55 ZR16		225/45 ZR17	
DRAG COEFFICIENT	0.37		0.37		0.37	
BRAKING SYSTEM	Vacuum assisted 4 wheel disc brakes ventilated at front and rear, 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 speed related power assisted steering with 2.8 turns lock to lock. Energy absorbing steering column with tilt and axial adjustment and airbag steering wheel. Turning circle 39 ft 7 in (12.1 m) between kerbs.					
SUSPENSION – FRONT	Fully independent with unequal length upper and lower wishbones mounted to fully isolated front crossbeam. Arranged to provide anti-dive effect under braking. Steel coil springs, telescopic dampers and anti-roll bar.					
– REAR	Fully independent double wishbone type system incorporating driveshafts acting as upper links. Wishbones designed for anti-squat and anti-lift under acceleration and braking. Concentric steel coil springs and dampers, plus anti-roll bar.					
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. Colour matched primer coat. Twin colour coats. PVC underseal.					
PERFORMANCE (manufacturer's estimates)	Manual	Automatic	Manual	Automatic	Manual	Automatic
Acceleration – 0-60 mph [0-100 km/h] (s)	7.9 [8.4]	8.9 [9.4]	7.0 [7.4]	7.8 [8.2]	5.9 [6.3]	6.6 [7.0]
Top speed – mph (km/h)	138 [222]	139 [223]	143 [230]	144 [232]	155 [250]	155 [250]
ECONOMY						
Urban cycle – mpg (litres/100 km)	19.3 [14.6]	N/A	17.4 [16.2]	19.8 [14.3]	16.8 [16.8]	16.9 [16.7]
56 mph – mpg (litres/100 km)	35.3 [8.0]	N/A	34.0 [8.3]	36.7 [7.7]	34.9 [8.1]	32.8 [8.6]
75 mph – mpg (litres/100 km)	29.7 [9.5]	N/A	27.2 [10.4]	29.1 [9.7]	27.4 [10.3]	26.4 [10.7]
WEIGHT						
Maximum kerb weight – lb (kg) with options	3968 (1800)		3968 (1800)		4134 (1875)	
Gross weight – lb (kg) maximum permissible	4894 [2220]		4894 [2220]		5060 [2295]	

The fuel economy figures were obtained from tests carried out in line with the Passenger Car Fuel Consumption Order 1983. N/A - not available at the time of going to print.

DIMENSIONS

- A Overall length in. (mm)
197.8 (5024)
B Overall width including mirrors in. (mm)
81.7 (2074)
Overall width excluding mirrors in. (mm)
70.8 (1799)
C Overall height at GVW in. (mm)
XJ Sport 51.5 (1307) XJR 51.3 (1303)
D Ground clearance - minimum at GVW in. (mm)
XJ Sport 4.5 (115) XJR 3.9 (100)
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)
41.2 (1047)
I Minimum legroom - rear outboard in. (mm)
34.3 (871)
J Maximum headroom - front in. (mm)
38.8 (985)
K Maximum headroom - rear in. (mm)
36.3 (923)
L Shoulder width - front in. (mm)
57.3 (1456)
M Shoulder width - rear in. (mm)
57.3 (1456)
N Usable boot volume VDA cu. ft. (m³)
14.4 (0.41)
O Fuel tank capacity Imp. gal. (litres)
17.8 (81)

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 wherever possible. Please consult your dealer for details of changes associated with option fitment.



This brochure describes the general features of the XJ Series Sport range. 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.

AD/10/01/04/95

The Jaguar AJ16 is at the leading

edge of engine technology. Its highly

advanced electronic engine management

system provides integrated central control of

the engine's main functions and enables the

AJ16 to achieve optimum performance.

Crucially, it is the AJ16's advanced electronics

which have made possible the re-emergence

of the supercharger - with spectacular results.

Whether your choice is either of the

normally aspirated 3.2 or 4.0 litre XJ Sport

models or the spectacular XJR with its

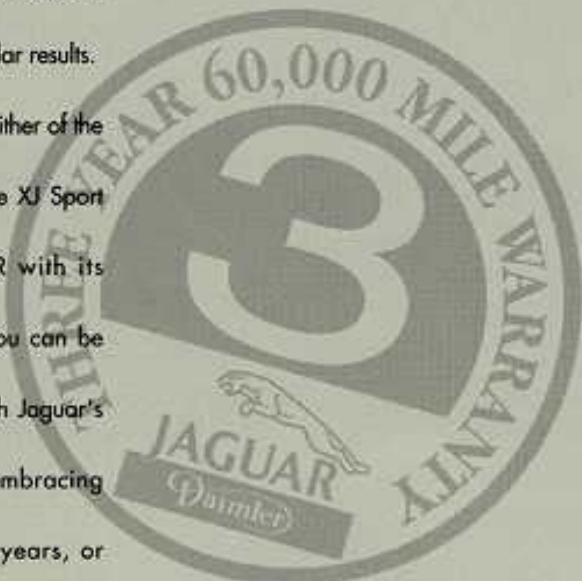
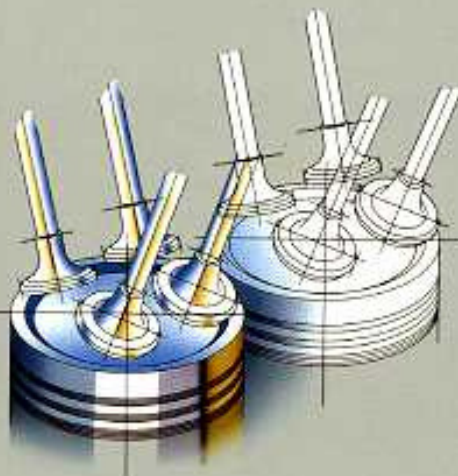
supercharged 4.0 litre engine, you can be

assured of total peace of mind with Jaguar's

warranty, among the most all-embracing

yet devised - it lasts for three years, or

60,000 miles.



STANDARD AND OPTIONAL EQUIPMENT

MECHANICAL

Airbags - supplementary driver and passenger	■	■
Anti-lock braking system	■	■
Catalyst exhaust system - stainless steel	■	■
Cruise control	○	○
Gearshift interlock (with automatic transmission)	■	■
Limited slip differential	○	■
Power assisted steering - speed related	■	■
Power boost assisted 4 wheel disc brakes	■	■
Spare wheel	■	■
- space saver	○	○
- full size	○	○
Suspension	○	□
- touring	○	□
- sports	■	■

Tool kit

Traction control (not available with 3.2 engine)	○	■
Transmission	■	■
- 5 speed manual	○	■
- 4 speed auto (with 3.2 engine)	○	□
- 4 speed auto electronic (with 4.0 engine)	○	□

Warning triangle

Wheels	■	□
- cast alloy 8" x 16" diamond turned with 225/55 ZR 16 tyres	■	■
- cast alloy 8" x 17" diamond turned with 225/45 ZR 17 tyres	□	■

EXTERIOR

Door mirrors	■	■
- electrically adjustable and heated, manual fold back	○	○
Electric tilt/slide steel sunroof	○	○
Four circular halogen headlamps with levelling	■	■
Front fog lamps integrated into spoiler	■	■
Headlamp power wash - heated	○	○
Heated front windscreen with timer	○	○
Heated rear window with timer	■	■
Metallic/micrometallic paint	○	○
Rear fog lamps	■	■
Two speed windscreen wiper with variable intermittent mode and programmed wash wipe	■	■
Windscreen washers - heated	■	■

INTERIOR

Air conditioning with outside temperature display	○	■
Air filtration	○	○
Audio equipment	■	■
- audio system with RDS, AVC and 8 speakers	○	○
- CD Autochanger	○	○
- premium system with 9 speakers	○	○
Central locking, including boot and fuel filler, by key and remote control	■	■
Cupholder in cubby box lid	○	○
Electric windows with "one touch open" on driver's window	■	■
Electrochromic self dimming interior mirror	○	○
Foot well rugs	○	○
- carpet mats	○	○
- lambswool	○	○
Front seats	■	□
- manual with electric driver height adjust, manual lumbar support and manual head restraint height/tilt	○	○
- front passenger seat electric height adjust	○	○
- ten way electrically adjustable front seats and head restraints, electric lumbar support	○	■
- ten way electrically adjustable front seats and head restraints, electric lumbar support, 3 position driver memory including exterior mirrors	○	○
- heated	○	○

Heater with outside temperature display

Interior trim	■	□
- sports cloth seat facings with matching leather borders	■	■
- leather seat facings with embossed finish on flutes	○	△
Inertia reel front and rear seat belts and rear centre lap belt	■	■
Laminated windscreen and tinted glass	■	■
"Panic" switch for central locking/unlocking and window/sunroof close	■	■
Passenger grab straps	■	■
Radio telephone harness	■	■
Reading lamps in rear pillars	■	■
Rear window sunblind	○	○
Steering column tilt/axial adjust - manual	■	■
- electric (with memory driver seat)	○	○

Trip computer with cyclic display control on left hand column stalk	■	■
Ultrasonic intrusion sensing security system with remote control and engine immobilizer	■	■
Veneer facia, console, door cappings and switch packs - stained maple	■	■
Wood/leather steering wheel	○	○
■ Standard ○ Optional at extra cost △ Optional at no extra cost □ Not available		