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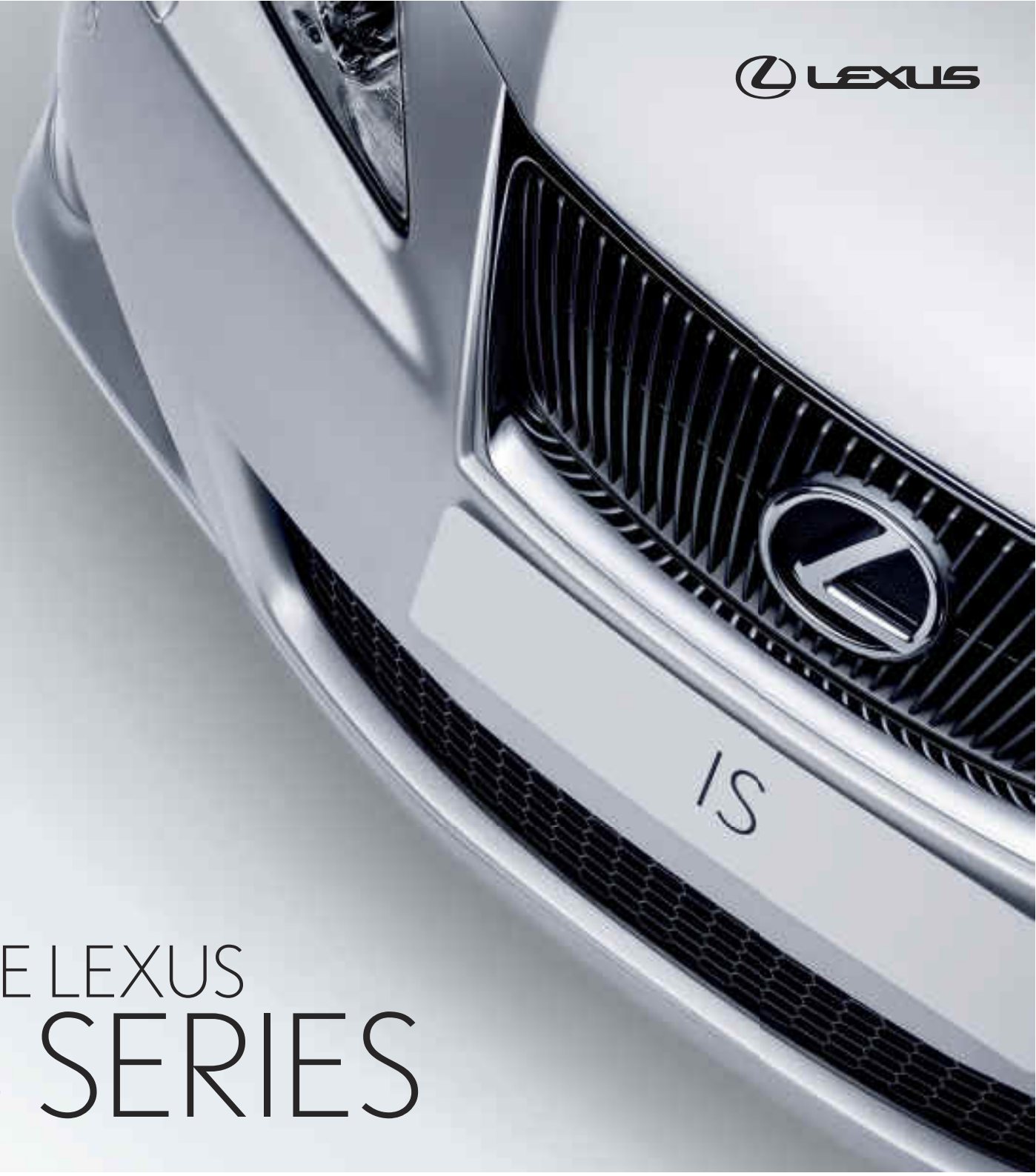
For more information and the location of your local Lexus Centre, please visit our website: www.lexus.co.uk or call 0845 278 8888.

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THE LEXUS IS SERIES





THE PURSUIT OF PERFECTION

'The pursuit of perfection is the primary motivating force for us at Lexus – it always has been. We use technology, insight and knowledge to innovate, to refine and to push the boundaries of sophisticated, intelligent luxury'

TAKESHI YOSHIDA, MANAGING OFFICER, LEXUS DIVISION

'We also strive to perfect our relationship with our customers, constantly seeking greater depths of understanding when it comes to their needs. A crucial element with Lexus, however, is that, through a process of continuous learning, we endeavour to create an ownership experience that goes beyond meeting people's requirements. Instead, we try to

anticipate them. This focuses on everything from interior and exterior design, to the pleasures of driving and the way we treat our customers. Our latest model, the new IS, embodies such thinking.'

ENGAGING ENGINEERING

'Whenever I talk to people about the new IS, I always come back to the same point. I ask people to form an opinion by themselves. Seeing is believing. Driving is believing'

SUGUYA FUKUSATO, CHIEF ENGINEER, THE NEW LEXUS IS

'The new IS has been built to offer the best in every conceivable area. That covers everything from driving dynamics and ride comfort to the audio system, interior acoustics and even the sensory feedback you get from touching the door handles.

'One result you can experience almost immediately is the balance between ride and handling. Great handling – a car's ability to hold the road and give dynamic, rewarding feedback to the driver – can adversely affect ride comfort and driving smoothness. But this is a Lexus, so both must be at their optimum. Consequently, the new IS reaches the high end of handling performance but achieves the same when it comes to your comfort at the wheel and on the road.'

'Drawing from deep-rooted Japanese aesthetic values, we have created a new dynamism based on the visual contrast between elegance and simplicity and intriguing, engaging complexities.'
Wahei Hirai, head of global design

'Over the past three years, we have undergone a journey based on two factors we believe define both the history and the future of Lexus. They are the intensity of being at the "leading edge" and the depth of "finesse". Together, these attributes create something we call L-finesse, a philosophy that shaped the dynamic new Lexus IS.

'The "face" of the new IS provides a good example of L-finesse. The vertically latticed grille is positioned low in relation to the headlights, giving a resolute, dynamic feeling. All movement then flows outwards

from the appealing, dynamic complexities of the grille centre before it meets the contrasting, smooth surfaces of the bonnet and front wings.

'The onlooker is then led towards the high-shouldered simplicity of the door section, which flows into the compelling architecture of the rear combination lights. It's a visual story that takes you through a series of contrasting, arresting elements. And, as you would expect, the story continues inside the car.'

DISCRETION MEETS DYNAMISM

The new IS radiates dynamic visual appeal. It's apparent in its powerful, sweeping profile, the broad, purposeful stance, and the clean, confident lines of its bonnet. A subtle interplay of contrasts enhances the effect - the juxtaposition of tautly surfaced convex and concave shapes and the drama of how light and shadow play across the bodywork. Each element has the power to intrigue but also to inform. And yet each feature also combines with the next to create a cohesive statement that is as elegant as it is engaging. There's the vertical latticework of the grille, a feature that distinguishes the IS as a member of a new generation of Lexus vehicles. As your eye moves outwards, the low stance conveys surefooted poise, while that expansive bonnet imparts controlled strength.

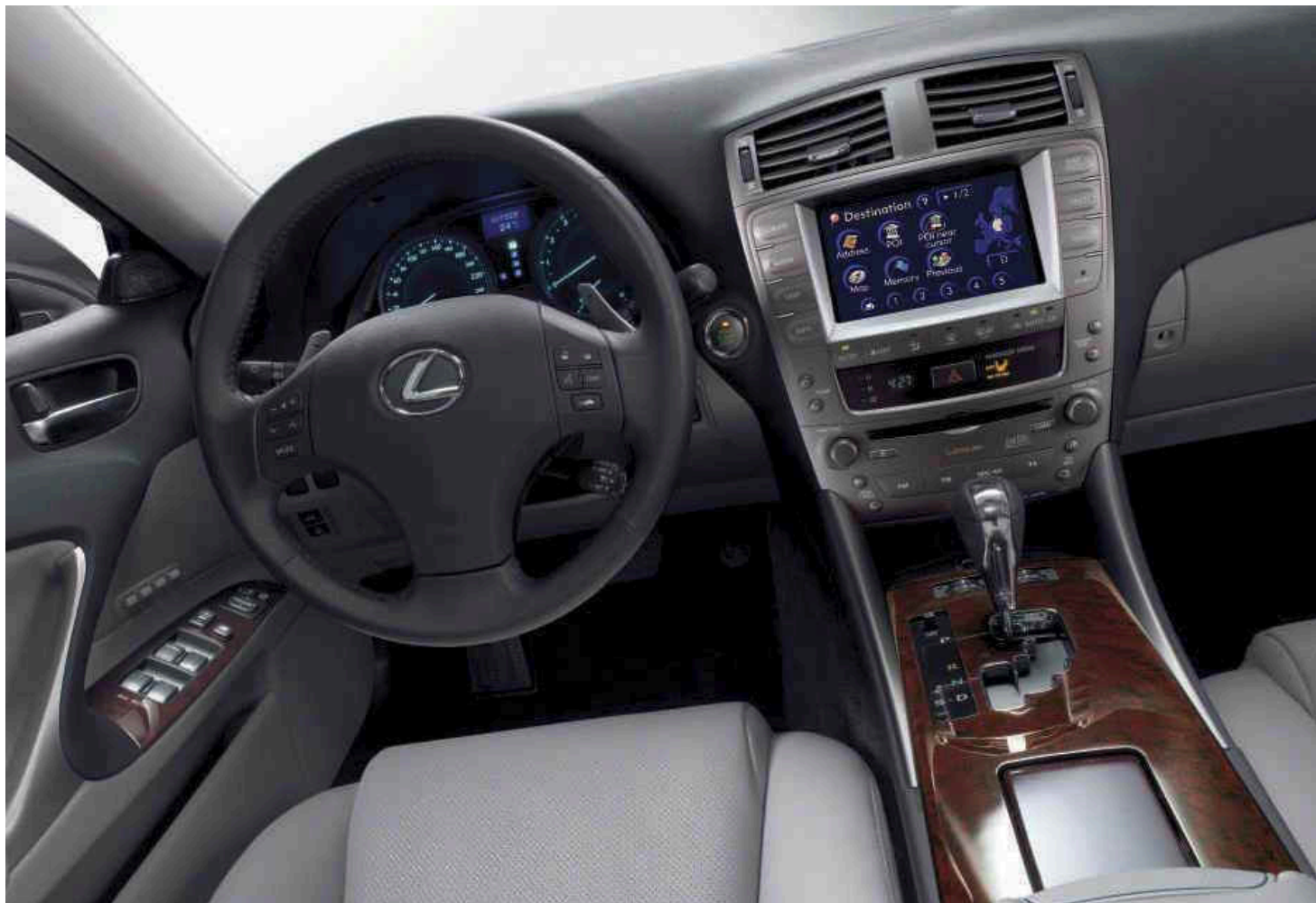
The natural visual flow beyond the headlamps and past those gracefully sculpted wheelarches takes you to the sure, simple composure of the door

surfaces and the high shoulderline. Such contrasts create a compelling tension, latent movement and a clear suggestion of driving enjoyment.

The idea of seamless anticipation underpins the design philosophy of the new Lexus generation. With the new IS, you notice it at your first physical point of contact - the door handle with its arrowhead design conveying messages of precision and power. The elegance of the convex and concave surfaces, the tactile sensation, the simple appeal of its shape, the muted, finely tuned sound of the locking mechanism: it's all aimed at fulfilling the highest expectations, before you even step inside.

We believe that when a person places his or her hand on the handle, they can anticipate the entire driving experience. They will also feel an instant sense of confidence in their car's abilities. Intense focus on this single element creates an important moment when you first touch the new IS.





ELEGANCE INSIDE

The captivating aesthetic balance of the exterior flows through to the cabin. The affinity is echoed in the seamless curves of strongly defined, sculptural surfaces balanced by clean, clear expanses. The interplay of shapes and textures of high-quality materials creates an intriguingly cohesive design. It's also stimulating. The arrowhead theme punctuates the cabin's aesthetic flow with a sense of dynamism. The door handles, for instance, evoke a powerful, controlled movement akin to the rapid movement of a sword. That's no coincidence. They are closely connected to a design principle called *kirikaeshi*, which translates as 'swift slashing back'.

Hazushi is another centuries-old design technique. This enhances the impression of space by offsetting certain elements and you can see it in the way the side air vents extend slightly beyond the boundaries of the fascia.

The interior expresses dynamic luxury with a distinctive, contemporary accent. You sense it in the cohesive whole, but it's also there in the details, the quality and the craftsmanship. The wood centre console, available in the SE-L, is one example. This unit, which houses seat heating adjustment controls and provides storage, comprises three separate sections, each precision-machined individually. We, however, insisted that the console should be made from a single piece of wood. This way the purity of colour, grain, and even feel, remain uncompromised.

The gearshift lever, connecting you to the six-speed manual transmission or the new six-speed automatic with sequential override of the shift range, is another example of undiluted integrity. It is designed to be as pleasing on the eye as to the touch. And, as you would expect of a Lexus, it is trimmed with the finest quality leather as standard.

ANTICIPATION EXEMPLIFIED

Anticipating your requirements and providing the best possible response at all times is important to us at Lexus. It informs the way we design our cars, the materials we use and the technology we develop. One simple but important feature that illustrates this is our Optitron display.

OPTITRON DISPLAY

For your comfort and safety, and that all-important feeling of control, essential information such as speed and fuel levels need to be simply and clearly presented. This is why we developed the Optitron display for the new IS with its 30 per cent tinted glass, crisp white illumination and LED indicator needles.

Presented in an attractive three-dimensional console and finished in metallic paint, for an exclusive, luxurious look, the display goes through a swift and subtle three-step start-up process after the tactile Engine Start button is pressed.

There are more than engaging aesthetics here, however. The Optitron display offers the convenience of an interactive speed warning system. All you have to do is input your desired limits for engine rpm and mph and it will 'watch' the speeds for you.

A simple satellite switch allows you to turn the various features shown in the display on or off with ease.



ENGINEERED REFINEMENT

The IS introduces two smooth, refined and responsive engines - a petrol and a diesel. Both are significant, but one particularly so - the first diesel from Lexus, offered in the IS 220d. This engine harnesses all the efficiencies and the torque of diesel with the endlessly well-mannered smoothness you would come to expect from a Lexus. A host of innovative features also ensures remarkable all-round strengths.

LEXUS DIESEL TECHNOLOGY

We enjoy resolving the occasional engineering paradox at Lexus. Which is exactly what we've done with our new diesel - an engine that offers refinement and high performance with a new level of efficiency. This is everything a Lexus diesel can, and should, be.

COMMON RAIL INJECTION

The vital statistics of this new engine, with its innovative high-pressure variable nozzle turbocharger, make good reading. It delivers a class-leading 400Nm of pulling power, or torque, between 2,000 and 2,600rpm. A maximum of 177bhp is developed at a readily accessible 3,600rpm. The real beauty of this 2.2-litre engine, however, is how its capabilities are translated into a uniquely rewarding driving experience.

One of the main contributors to the smooth power delivery, optimum fuel consumption and low emissions is a sophisticated common rail injection system that exceeds by far the capabilities of most other common rail processes.

It has a number of standout attributes that all contribute to the sense of effortless composure you enjoy at the wheel. It allows much larger amounts of fuel to be injected around twice as fast. And it has high-flow injection nozzles for excellent dispersion and atomisation of fuel. The combined effect is increased engine output and frugal, low-pressure combustion which itself means lower stresses on the engine. It also means less of a load on all the components so we could use lighter structural parts. And less weight has many benefits: better economy, better weight distribution, enhanced ride comfort and improved refinement.

ADVANCED CATALYST

The new IS 220d uses a number of innovative diesel technologies. One example is a highly advanced Diesel Particulate NOx Reduction (DPNR) catalyst that reduces harmful nitrogen oxide (NOx) gases, particulate matter, hydrocarbons and carbon monoxide (CO) at the same time - the first in the world capable of doing so. Consequently, the IS 220d comfortably exceeds the rigorous Euro IV emissions standards.

The maintenance-free catalyst uses a highly porous ceramic filter, mounted close to the exhaust manifold. This oxidises particulates using active oxygen from the NOx stored temporarily in the catalyst. Further down the exhaust system is a conventional oxidation catalyst.

Several other features help keep this diesel 'clean' in other ways. One of them is a high-flow, highly responsive Exhaust Gas Recirculation (EGR) valve. This doesn't just reduce diesel smoke, it also lessens combustion noise. Like so many developments with this engine, one benefit inevitably leads to another - with your comfort and driving enjoyment always the highest priority.

SOPHISTICATED POWER

We have achieved deep levels of refinement, sophistication and intelligent efficiency with the 2.5-litre V6 petrol engine in the IS 250. It produces 204bhp at 6,400rpm and 252Nm of torque at 4,800rpm.

A core innovation is the technically advanced direct-injection system that provides increased levels of refinement and efficiency in the all-new engine. Special high-pressure slit injectors introduce fine particles of fuel into the combustion chamber, making the fuel/air mixture far more precise and consistent, which further enhances the engine's capabilities. Even the

asymmetric shape of the chamber has been designed to ensure excellent combustion and, hence, a more satisfying drive.

To maintain a smooth, direct response across a wide range of engine speeds, the V6 uses dual Variable Valve Timing-intelligent (VVT-i) technology. This system adjusts the air/fuel intake and exhaust valve timing automatically to provide the optimum efficiency and power delivery whatever the conditions. It's another example of how the pursuit of perfection drives our technology.

HEIGHTENED AGILITY

Secure, accurate handling. Balance and poise. A comfortably pliant ride. Precise, intuitive speed-sensitive power steering. Factor in optimal aerodynamics and intelligent suspension. Such features all work together to bring you an unrivalled driving experience in the new IS. They also combine to keep you safe and secure – even when the mood inspires you to drive along a more demanding road.

A sophisticated double wishbone suspension system at the front ensures that more of the tyres remain in contact with more of the Tarmac more of the time. And it's made from lightweight aluminium to help create a near-perfect 50:50 weight distribution between the front and rear of the car, to ensure great handling.

As for the rear suspension, we've used a multi-link arrangement that again makes extensive use of

aluminium. This setup enhances directional stability while delivering a smooth, well controlled ride. The same can be said for the newly engineered large-diameter rear shock absorbers.

ADVANCED AERODYNAMICS

A car's aerodynamic strength affects refinement, performance, stability, fuel efficiency, comfort, agility and noise levels – and all are particularly important while cruising. For these reasons, we put the new IS through a stringent development programme in our hi-tech wind tunnel. As a result, it has a class-leading coefficient of drag (cd) of just 0.27.

The flush surfaces, such as the bonnet, headlights and windows, all contribute, as do the minimal gaps between panels. Look closer and you can see detail refinements, too. The striking shape of the door mirrors cuts down wind noise dramatically. The underside

of the IS has an aerodynamic undertray that employs similar principles to those used by Formula One cars. And stepped sections produce what's known as a Venturi effect. This creates downforce for improved stability, especially at high speeds.



CONVENIENCE AND COMFORT

The new IS, like every Lexus, 'thinks' ahead on your behalf. Intelligent technology is designed to become aware of situations, and potential discomforts, and deal with them before they become a concern.

SMART ENTRY AND START SYSTEM

Have you ever got into a car and then been through the frustrating process of fumbling for your keys before you start up? Thanks to the Smart Entry and Start System, this need never happen. And it's fitted to every IS as standard.

For extra convenience and security, this innovation uses an electronic key. Slip it into your pocket or bag and the car can tell when you are approaching. The IS recognises the key's identification code and approves access. All you do then is touch the inside of either front door handle and the IS unlocks. Similarly, a touch of the open switch on the boot lid unlocks it. You can't inadvertently lock yourself out, either. The system checks that the key is outside the car before you can lock it.

With the electronic key in the car and the shift lever in Park (for automatic transmission) or Neutral (for manual), you put your foot on the brake pedal (automatic) or depress the clutch (manual) and a green light in the Engine Start button lights up. Press it and the engine comes to life. This system makes life easier at night, too. When the key is about a metre from

the front door handles, the outer mirror puddle lamps turn on to guide you. When getting out of the IS, lamps come on to illuminate the area around the doors.

PARK ASSIST

Parking the new IS couldn't be easier thanks to two optional systems. Park Assist uses sensors to tell you how close you are to objects behind and at the corners of the car. You're informed of their position via an icon on the Multi-Information Display and a buzzer. This system is available on Sport and SE-L grades. Upgrade to the Multimedia and Navigation option, and you'll enjoy the benefits of the Park Assist Monitor. It features a camera in the rear numberplate surround that relays a colour image of the area behind the IS to the Electro Multi-Vision display (EMV) in the centre console. Guidelines on the picture help you into the space.

ELECTRONIC CLIMATE CONTROL

This automatic system uses sensors to monitor sunlight, temperature and humidity to provide the ideal climate for all. For example, if the sun warms the upper body of the driver or passengers, the system cools the area to maintain the pre-set temperature. The system also monitors outside air pollution and automatically switches to internal recirculation. When air quality outside improves sufficiently,

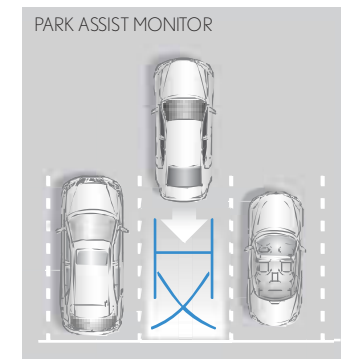
it returns to the external source. Even outside air is 'cleaned' thanks to a filter which reduces airborne particles, such as pollen and dust. As for adjusting the climate, this is done via dashboard buttons or the seven-inch touch-screen EMV, which comes with the optional Multimedia and Navigation package.

'BESPOKE' ILLUMINATION

The light emitting diode (LED) courtesy lights provide a warm welcome as you approach the car by illuminating the areas around the doors and boot. LED lighting also guides you over the scuff plate on the sill, provides downlighting in the front and rear of the cabin, and illumination in the front footwells and even around the gear lever. There are also LED map reading lights in the front and rear for extra convenience.

ALL-ROUND VISIBILITY

The rear-view and side mirrors are available with the electro-chromatic option, which means they automatically dim their reflection rate if, for example, they detect a high beam. There's also UV-reducing glass, which keeps all on board comfortable by limiting heat build-up from direct sunlight. There's an electric rear sunshade option, too. This lowers automatically to increase visibility when reversing or when the car reaches 15km/h. Other welcome touches are heated door mirrors which can be electrically folded.



SOUND PRINCIPLES

Absolute silence inside the new IS was never our intention. In fact, we tuned the exhaust so you could enjoy its dynamic note when you're at the wheel. That said, we have gone to almost obsessive lengths to create a certain hush - one we think could only be experienced in a Lexus - and a genuine sense of tranquillity.

Almost every component in the new IS has been tested and tuned for sound. For example, the sun visor has an outer shell with vent holes - a world first - to absorb noise entering the cabin from the windshield and cowl, while the front windshield has an inner film with high noise-dampening characteristics.

Wind noise reduction is another Lexus speciality. Myriad fine details combine to deliver whisper-quiet progress. For example, there's foam material on the

side members and pillars, while on the underside of the IS we've precision-fitted covers to make it flat, thus reducing wind noise created by variations and separation in air flow.

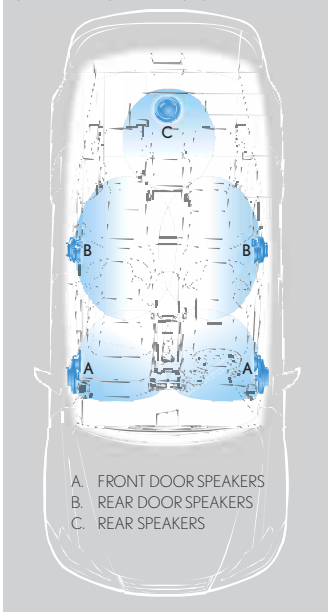
PREMIUM AUDIO

The new IS comes with a premium 13-speaker audio system as standard - a package we believe rivals many high-end home audio setups. It features a six-CD autochanger in the dashboard and is compatible with both MP3 and WMA data files.

For enhanced listening pleasure, it has three-way (tweeter, squawker, woofer) speakers in the doors, enabling a clear, fully-fledged sound while helping to produce surround sound for the front seats. A thin superwoofer in the rear parcel shelf provides deep, rich bass.

The system can play MP3 and WMA files stored on a CD, too, while an audio mini jack allows you to play a portable music device such as an iPod or MiniDisc player through the speakers. Whichever format you choose, you are assured of resonant, crisp sound quality.

STANDARD SPEAKER SYSTEM



- A. FRONT DOOR SPEAKERS
- B. REAR DOOR SPEAKERS
- C. REAR SPEAKERS

MULTIMEDIA PACKAGE



The remarkable new Multimedia and Navigation option on the new IS opens up a new world of mobile media. It offers you voice control over a host of features, including the latest generation Navigation system. You can also create a veritable home cinema experience.

MARK LEVINSON® SURROUND SYSTEM

Tailored to the properties of the IS cabin, the latest Mark Levinson surround sound system uses Mark Levinson Sound (MLS) audio software to bring an experience comparable to a home theatre system.

Functioning directly with the touch-screen EMV display, the Mark Levinson system is the first in this class of car to offer a complete home theatre experience optimised for the playback of music, music videos and DVD films. In the case of DVD video, DVD audio and Digital Theatre Systems (DTS) 5.1 discs, where films, soundtracks and music selections are recorded on five 'discrete' channels, a system known as 5.1 allows the source material to be heard exactly as it was



originally intended. The system can play MP3 and WMA files from a CD or DVD, while devices such as an iPod or MiniDisc player can be connected. A six-CD/DVD player is also featured.

In addition, MLS provides a surround sound experience for sources such as CD and FM. The software offers Automatic Sound Leveliser (ASL) volume and tone adjustment to ensure consistent listening pleasure whatever the conditions. The all-new, 300-watt, 10-channel Mark Levinson DSP processor/amplifier produces a rich and pure sound via 14 loudspeakers.

ADVANCED NAVIGATION SYSTEM

The Navigation System uses a DVD to store map information of all western Europe, while the full-colour, split-screen display has evolved from EGA to VGA (800 x 480 dots) and replaces the previous system's 256-colour range with a remarkable 32,000 colours and, therefore, a sharper image. Route calculation and map scrolling is faster, too. The system also features voice activation of the



navigation, audio, air conditioning and phone systems.

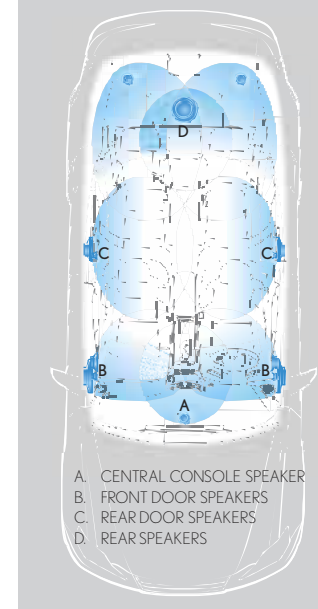
BLUETOOTH® CONNECTIVITY

A Bluetooth® phone, hands-free* system enables hands-free mobile phone calls via the touch-screen EMV, the steering wheel-mounted switches or through vocal commands. The system can store all the contact numbers from compatible mobile phones or PDA SIM cards.

STEERING WHEEL

The multi-adjustable, tilt and telescopic three-spoke steering wheel in the IS delivers an enticing balance of comfort, dynamism and control. Vital functions, including audio settings, cruise control and the Multi-Information Display settings are a fingertip away. Integrated controls include voice recognition and Bluetooth® phone compatibility*. For extra convenience, a memory function, standard on SE-L and Sport, allows you to reset the wheel to your preferred position with a touch of a button. The wheel's leather trim gives an exclusive feel while also promoting

MARK LEVINSON® SPEAKER SYSTEM



- A. CENTRAL CONSOLE SPEAKER
- B. FRONT DOOR SPEAKERS
- C. REAR DOOR SPEAKERS
- D. REAR SPEAKERS

a reliable grip. In addition, it has two flat areas where your thumbs can find their 'natural' place. This world-first design helps establish the optimum for driving control and immediacy but also the optimum for relaxed posture.

* Features require mobile phone to incorporate Bluetooth® technology. Please consult your Lexus Centre for a full list of compatible phones or to check the suitability of your existing mobile phone.

INTELLIGENT PROTECTION

The new IS features state-of-the-art passenger protection. Its airbag system represents the most advanced standard passive safety package in its class. With this car, we're also introducing our world-first twin-chamber passenger airbag.

SRS AIRBAGS

The IS offers the uncompromised protection of eight airbags. Sensor-controlled dual-stage Supplemental Restraint System (SRS) front airbags and side SRS curtain airbags register the intensity of impact and even the position of the driver's seat. Then, almost instantly, they react accordingly so the airbags are deployed in the safest possible way for that set of circumstances. The IS also incorporates SRS front knee airbags. And finally, SRS curtain shield airbags are deployed rapidly and evenly across front and back seats.



TWIN-CHAMBER AIRBAG

With the new IS, we present the latest in safety technology with the twin-chamber front passenger airbag - a world first and, we believe, an important innovation. As its name suggests, there are two elements within this single unit. It contains a deep depression in the centre of the airbag, creating two 'chambers' which spread the initial force of the passenger's impact across the shoulders, upper chest, face and neck. In doing so, it greatly reduces the initial impact of the airbag on the passenger's face compared with a conventional passenger airbag design.



WHIPLASH INJURY LESSENING SEATS (WIL)

All eight airbags operate alongside seatbelts with pre-tensioners, which instantly restrain the body in the event of an impact, and Whiplash Injury Lessening (WIL) seats. These seats incorporate an innovative head restraint and seat back that decrease neck motion in a collision. So, if you do suffer a rear end collision, the seat will absorb energy to minimise the whiplash-inducing movement between your head and torso.

STATE-OF-THE-ART SAFETY

As you can see, we've paid great attention to safety levels with the new IS, from the basics, such as a strong, stiff bodyshell designed to minimise distortion of the cabin, to our world-first twin-chamber airbag. But we have gone further than this, as you would expect.

PRE-CRASH SAFETY SYSTEM (PCS)

PCS, an option for the IS 250 SE-L automatic, is an example of how the new IS maximises your personal safety. It's also another first for a car in this class. It detects when a collision can't be avoided, assesses the severity and nature of the impending impact and then deploys the appropriate safety devices accordingly to reduce the risk of injury. And it does so in a fraction of the time it has taken you to read this sentence.

Here's how it works. A radar sensor detects any obstacles in front of you. By using data from the sensors that monitor speed and steering angle, it determines if a collision is unavoidable. If that's the case, it takes action by initiating the relevant safety procedures.

It will activate the Pre-Crash front seatbelts, automatically retracting the belts in the instant before impact.

Assist System (BAS) to support you with additional braking power.

ADAPTIVE CRUISE CONTROL

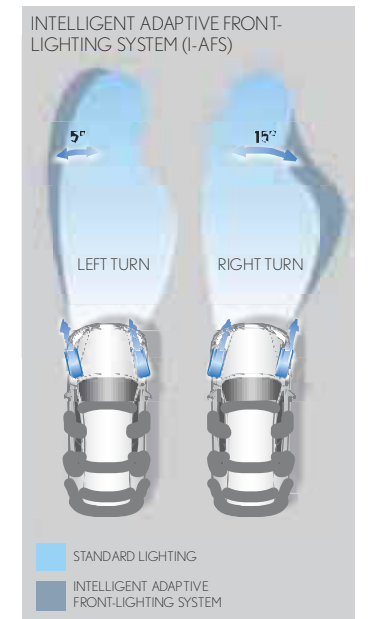
PCS works in tandem with ACC. The system automatically adjusts the car's speed in sync with the vehicle ahead. Using advanced radar technology linked to the braking and throttle systems, ACC maintains a set distance to the vehicle ahead and, once the road is clear, returns to your originally specified cruising speed. The driver can select long, middle or short vehicle-to-vehicle distances and the system's control status is clearly displayed on the Multi-Information Display in the instrument panel.

ADVANCED LIGHTING

The dramatic twin barrel front headlamps contain halogen bulbs as standard, and they provide a clear spread of light. You can, however, take a step up by opting for High Intensity Discharge (HID) bi-xenon headlamps with the Intelligent Adaptive Front-lighting System (I-AFS) on the SE-L and Sport models. Their sharply defined, brighter and longer-reaching light patterns provide an even greater field of vision. They also offer better visibility through their xenon high beam.

Conventional xenon lights are supplemented with halogen bulbs to provide this illumination.

I-AFS takes the HID lamps' performance a step further. This automatically swivels the xenon headlights by up to 15 degrees into approaching corners for greatly enhanced visibility.



ADVANCED THINKING

The new IS has a wide range of advanced systems that enhance driving pleasure by heightening stability and braking potential. As well as making the experience more rewarding for the driver, this technology increases the comfort for all occupants. As you would expect, anti-lock braking is standard, providing an important starting point for a host of increasingly effective innovations.

ABS prevents the wheels from locking should you brake hard on a slippery surface. This means you can apply maximum braking force but still retain full steering control, a valuable combination in an emergency.

ELECTRONIC BRAKEFORCE DISTRIBUTION (EBD)

EBD also comes as standard. Depending on the driving conditions, EBD works with ABS to regulate the most effective distribution of brakeforce between the front and rear, and left and right wheels, helping to maintain surefooted stability during cornering and braking. This prevents the wheels from locking, resulting in enhanced driver control and excellent braking performance.

BRAKE ASSIST (BAS)

This device could make a crucial difference in dire circumstances by automatically raising your braking ability when you need it most. In a panic situation, it's possible for a driver to apply insufficient force to the brake pedal or be unable to continue applying enough pressure to bring the car to a safe standstill. If either situation occurs, the system anticipates the need for extra brakeforce and applies it. A computer recognises what's happening based on information fed from the master cylinder pressure sensor and a pedal stroke sensor. The brake actuator then increases the wheel cylinder hydraulic pressure, and hence, stopping power.

Brake assist can also provide extra help when the braking operation isn't sudden, but you still need a boost. When the car is fully loaded, for example.

TRACTION CONTROL (TRC)

TRC monitors and controls the amount of torque, or twisting force, at each wheel to ensure that the IS uses its power safely and effectively. If it detects that one or more wheels are starting to slip - on a wet or muddy surface - the system's Skid Control computer instantly determines the best way to restore traction to that wheel. Then it automatically decreases the torque

being sent to the wheel that's about to spin, or in more extreme cases, applies the brakes to that wheel momentarily until it regains traction. When you need to accelerate in slippery conditions, TRC is always on hand to help you do so securely.

VEHICLE STABILITY CONTROL (VSC)

VSC activates when you encounter situations such as slippery roads, or if you need to make emergency avoidance manoeuvres. It acquires data from a host of sensors placed strategically throughout the IS. If they detect that the car is about to lose control, the system will apply various stability and safety systems to varying degrees.

Here's how it works in practice. Suppose you enter a corner just a little too fast for comfort and apply the brakes. In some circumstances, this could lead to the weight of the car shifting forward and, consequently, the rear wheels could lose grip. With VSC, the system assesses what's happening to the car - registering body movement, the angle of the steering wheel and brake pressure. Using this data, it distributes the precise amount of brake pressure to each individual wheel to help keep you on a safe course.

VEHICLE DYNAMICS INTEGRATED MANAGEMENT (VDIM)

To further enhance the refinement and smoothness of the diesel driving experience, we have introduced a system, available on the IS 220d Sport, called Vehicle Dynamics Integrated Management (VDIM). This allows the stability and control systems to work together proactively, anticipating any sudden changes in driving behaviour. As with VSC, VDIM acquires data from sensors, that monitor such functions as wheel rotation, brake pressure and movement of the car's body. VDIM uses this information to assess which systems will be most effective and to what degree they should be applied.

SETTING OUR OWN STANDARDS

Naturally, there are high expectations when it comes to quality standards with a Lexus. This car is no exception. Inside the IS, we have paid just as much attention to fit and finish as we have to form and flow. The metal-effect surfaces in the IS 250, IS 250 SE and IS 250 Sport and IS 220d, IS 220d SE, IS 220d Sport provide a contemporary touch alongside the cabins' quality finishes. In the SE-L, meanwhile, hand-finished woods provide intriguing complexities and colours.

The SE and SE-L models also feature soft, perforated leather for the seats. It doesn't just feel, smell and look good, it's also practical and durable.

Then there are high-sheen fabrics - attractive and long-lasting, they perfectly complement the softer shapes and colours throughout the car's interior.

WHEEL DESIGNS

16" WHEELS



17" WHEELS



18" WHEELS



To complement the dynamic lines of the new IS, we have developed three dynamic new aluminium wheel designs.

The IS 250 comes equipped with 16" wheels as standard, the IS 250/IS 200d SE and SE-L models come with 17" wheels as standard and the IS 250/IS 200d Sport models come with 18" wheels as standard.

In addition, newly developed tyres have been adopted on all models to ensure enhanced braking and stopping performance, handling stability and drive comfort, as well as reduced levels of noise and vibration.

SPECIFICATIONS

	IS 250 Manual	IS 250 Automatic	IS 220d	IS 220d Sport
Engine				
Cylinders/valves	V6/24	V6/24	4 in line/16	4 in line/16
Capacity (cc)	2500	2500	2231	2231
Max. output (kW/bhp@rpm)	153/204@6400	153/204@6400	130/177@3600	130/177@3600
Max. torque (Nm@rpm)	252@4800	252@4800	400@2000-2600	400@2000-2600
Transmission				
Rear-wheel drive	✓	✓	✓	✓
6-speed transmission	✓	✓	✓	✓
Performance				
Max. speed mph (km/h)	144 (230)	141 (225)	135 (215)	135 (215)
0-62mph (s)	8.1	8.4	8.9	8.9
Fuel consumption (according to 93/116/EEC)				
Urban (mpg/l/100 km)	209/13.5	222/12.7	35.8/7.9	29.7/9.5
Extra Urban (mpg/l/100 km)	36.7/7.7	40.4/7.0	52.3/5.4	45.6/6.2
Combined (mpg/l/100 km)	28.8/9.8	31.0/9.1	44.8/6.3	38.2/7.4
CO ₂ Emissions (g)	231	214	168	195
Brakes				
Front (Ventilated discs)	✓	✓	✓	✓
Rear (Solid discs)	✓	✓	✓	✓
Weight				
Kerb weight (kg)	2045	2055	2075	2075
Dimensions				
Length (mm)	4575	4575	4575	4575
Width (mm)	1800	1800	1800	1800
Height (mm)	1425	1425	1425	1425
Wheelbase (mm)	2730	2730	2730	2730

IS 250	IS 250 SE	IS 250 SE-L	IS 250 Sport
16" alloy wheels: tyre size 205/55R16	As IS 250, plus: 17" alloy wheels: tyre size 225/45R17 (front) and 245/45R17 (rear)	As IS 250 SE, plus: HID (High-Intensity Discharge) headlights with I-AFS (Intelligent Adaptive Front-lighting System)	As IS 250 SE-L, plus: 18" alloy wheels: tyre size 225/40R18 (front) and 255/40R18 (rear)
Fabric seats	Leather upholstery and heated and ventilated front seats	Rain sensing wipers	Cellensia upholstery and heated front seats with memory package
Aluminium inserts	Eight-way electrically adjustable front seats	Park Assist sensors	Sports suspension
Optional Multimedia Package ('05 DVD-based satellite navigation; 7-inch VGA screen; Mark Levinson® audio [14 speakers; 5.1 surround sound; 6-DVD changer]; Bluetooth® connectivity; Park Assist Monitor)	Aluminium inserts	Electro-chromatic interior/exterior mirrors	Sports pedals
Optional automatic transmission	Optional Multimedia Package ('05 DVD-based satellite navigation; 7-inch VGA screen; Mark Levinson® audio [14 speakers; 5.1 surround sound; 6-DVD changer]; Bluetooth® connectivity; Park Assist Monitor)	Memory package (front seats, exterior mirrors and steering wheel)	Optional Multimedia Package ('05 DVD-based satellite navigation; 7-inch VGA screen; Mark Levinson® audio [14 speakers; 5.1 surround sound; 6-DVD changer]; Bluetooth® connectivity; Park Assist Monitor)
	Optional automatic transmission	Electrically adjustable steering column	Optional sunroof
	Optional sunroof	Wood trim	
		Optional Multimedia Package ('05 DVD-based satellite navigation; 7-inch VGA screen; Mark Levinson® audio [14 speakers; 5.1 surround sound; 6-DVD changer]; Bluetooth® connectivity; Park Assist Monitor)	
		Optional automatic transmission	
		Optional sunroof	
		Optional ACC (Adaptive Cruise Control) / PCS (Pre-Crash Safety system)	

Standard equipment	
Safety and security	ABS (Anti-lock Braking System) BAS (Brake Assist System) EBD (Electronic Brakeforce Distribution) VSC (Vehicle Stability Control) TRC (Traction Control) Anti-theft system, immobiliser and double door lock Driver and front passenger 2-stage airbag Knee airbag (driver and front passenger) Curtain shield airbags front and rear
Exterior	Outside rear-view mirror: electrically adjustable, heated, electro-chromatic (auto-dimming) LED (Light Emitting Diodes) brake lights and rear lights
Interior	Smart Entry and Start System (front and boot) Illuminated entry system with white LED (Light Emitting Diodes) Cruise control Leather gear shift lever, leather steering wheel In-dash, single-slot 6-CD autochanger Climate control with clean air filter

IS 220d	IS 220d SE	IS 220d SE-L	IS 220d Sport
16" alloy wheels: tyre size 205/55R16	As IS 220d, plus: 17" alloy wheels: tyre size 225/45R17 (front) and 245/45R17 (rear)	As IS 200d SE, plus: HID (High-Intensity Discharge) headlights with I-AFS (Intelligent Adaptive Front-lighting System)	As IS 220d SE-L, plus: 18" alloy wheels: tyre size 225/40R18 (front) and 255/40R18 (rear)
Fabric seats	Leather upholstery and heated and ventilated front seats	Rain sensing wipers	VDIM (Vehicle Dynamics Integrated Management)
Aluminium inserts	Eight-way electrically adjustable front seats	Park Assist sensors	Cellensia upholstery and heated front seats with memory package
Final drive ratio 2.47	Optional Multimedia Package ('05 DVD-based satellite navigation; 7-inch VGA screen; Mark Levinson® audio [14 speakers; 5.1 surround sound; 6-DVD changer]; Bluetooth® connectivity; Park Assist Monitor)	Electro-chromatic interior/exterior mirrors	Sports suspension
Optional Multimedia Package ('05 DVD-based satellite navigation; 7-inch VGA screen; Mark Levinson® audio [14 speakers; 5.1 surround sound; 6-DVD changer]; Bluetooth® connectivity; Park Assist Monitor)	Optional Multimedia Package ('05 DVD-based satellite navigation; 7-inch VGA screen; Mark Levinson® audio [14 speakers; 5.1 surround sound; 6-DVD changer]; Bluetooth® connectivity; Park Assist Monitor)	Memory package (front seats, exterior mirrors and steering wheel)	Sports pedals
	Optional sunroof	Electrically adjustable steering column	Final drive ratio 3.20
		Wood trim	Optional Multimedia Package ('05 DVD-based satellite navigation; 7-inch VGA screen; Mark Levinson® audio [14 speakers; 5.1 surround sound; 6-DVD changer]; Bluetooth® connectivity; Park Assist Monitor)
		Optional Multimedia Package ('05 DVD-based satellite navigation; 7-inch VGA screen; Mark Levinson® audio [14 speakers; 5.1 surround sound; 6-DVD changer]; Bluetooth® connectivity; Park Assist Monitor)	Optional sunroof
		Optional sunroof	