

TEST DRIVE THE GS SERIES

We hope to have conveyed in these pages that the GS offers an entirely new and exciting driving experience. But there is only one way to feel the pure driving pleasure it offers - and that's to get behind the wheel and try it for yourself. Visit your nearest Lexus Centre to arrange a test drive.

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

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END-OF-LIFE VEHICLES

Taking care of the environment is a priority for Lexus. We're working to ensure that during the life cycle of our vehicles - from design, production, distribution, sales and service to end-of-life - their environmental impact is minimised. You can find detailed information on environmental performance at www.lexus.co.uk

Please note while every effort is made to reproduce accurate information, we reserve the right to change specifications, equipment and availability without prior notice. The brochure cannot be regarded as infallible (the car shown is left-hand drive) and as such does not constitute an offer for sale of the particular car shown. Information in this brochure was correct at the time of going to press.

A high-contrast, black and white close-up photograph of a Lexus vehicle's front end. The image focuses on the sleek, aerodynamic lines of the headlight and the multi-spoke alloy wheel. The Lexus logo is visible in the upper right corner of the image area.

LEXUS

THE LEXUS GS SERIES



THE PURSUIT OF PERFECTION

'We will always strive to build the best luxury cars in the world'

TAKESHI YOSHIDA, MANAGING OFFICER, LEXUS DIVISION

The fundamental guiding principle for Lexus is the pursuit of perfection. Our aim is to provide our customers with world-class cars and world-class customer service, and we are deeply committed to finding better ways of achieving this. We use technology and insight to innovate, to refine and to push boundaries. We also strive to perfect our relationship with our customers, constantly seeking a deeper understanding of their needs.

DESIGN AND POWER

'L-finesse is at the core of the Lexus design philosophy – to be technologically advanced yet humanised, to create striking design but still be artistic yet unpretentious.'

SIMON HUMPHRIES, GROUP MANAGER FOR DESIGN STRATEGY, LEXUS DIVISION



Two finely balanced concepts are central to the Lexus design philosophy and inherent in every one of our vehicles – 'leading edge' and 'finesse', or what we call 'L-finesse'.

By employing leading-edge technology, we strive to make the driving experience as rewarding as possible. To fulfil its promise, sophisticated technology demands equally sophisticated design – which is why finesse is so important to us.

We aim to unite these two concepts without losing the purity of either. In practice, this means creating vehicles that anticipate the wishes of both driver and passengers before, perhaps, even they are aware of them. For example, the Optitron display features Electro Chromatic Device (ECD) glass that automatically darkens in bright light to eliminate glare. The door handles, gearshift lever and steering wheel feature similarly intuitive technology that illuminates each at precisely the moment it is required as you enter the vehicle.

Such subtly impressive features are suitably captured in the graceful yet dynamic lines of the GS Series. Seemingly tensile 'slingshot' windows and the smooth contours of the low, elongated body are a fitting frame for a vehicle that so beautifully balances technology, luxury and elegance.



FIRST IMPRESSIONS

At first view, the aerodynamic profile of the GS imparts an abiding sense of power, tempered by sophisticated composure.

Move closer and you will begin to appreciate the substance behind the style. As you approach the GS with the electronic key in your pocket or bag, the Smart Entry and Start system recognises its unique identification code. Touch any door handle or the boot release and the car will unlock.

Once inside you will appreciate the intelligent use of space and graceful interior architecture, with its precise finishes and luxury materials.

Start the engine and, depending on the model, you will tap into the power of a direct-injection 3.0-litre V6, a 4.6-litre V8 or revolutionary hybrid technology, which seamlessly combines a 3.5-litre V6 engine with a high-output electric motor.

The GS Series consists of the V6 GS 300, GS 300 SE and GS 300 SE-L, four versions of the GS hybrid – the GS 450h, GS 450h SE, GS 450h SE-L and GS 450h Sport – and the powerful new GS 460.

Whichever model you choose, you will experience luxury without compromise, a vehicle in which style, performance, driving dynamics and comfort coexist seamlessly.

Model	Engine	Power
GS 300	3.0-litre V6	245bhp
GS 450h	3.5-litre V6 and electric motor	341bhp system output
GS 460	4.6-litre V8	342bhp

GS 460: REFINED V8 POWER

Drive the GS 460 and you will be impressed by its breathtaking power and refinement. This is due, in no small part, to the 4.6-litre V8 engine – an advanced internal combustion engine and the standard bearer for luxury cars.

This extremely powerful engine is enhanced by the breakthrough technologies of Direct-injection 4-stroke Superior version (D-4S) and Electronically-controlled Variable Valve Timing with intelligence (VVT-iE), which increase torque, responsiveness and overall efficiency.

The eight-speed automatic transmission in the GS 460 is the smoothest, quietest automatic transmission ever developed by Lexus. Increasing the number of gears to eight has allowed us to achieve extremely fast acceleration and enhanced fuel efficiency.

The GS 460 is exceptionally well built – by not only the latest technology but also the expert hands of our experienced engineers. Computer-controlled machining ensures class-leading tolerances for each aluminium cylinder block. Each V8 crankshaft is tested for spinning uniformity and polished by hand to ensure exceptional running smoothness. Final assembly occurs in a special 'clean room' from which we seek to exclude every last speck of dust. Once assembly is completed, a Lexus master craftsman uses a stethoscope to check the engine for running tone. The end result of such meticulous care is an engine of remarkable refinement.

Performance

V8 power: 342bhp

Acceleration: 0-62mph
in 5.8 seconds

Maximum speed: 155mph
(electronically limited)

Combined fuel consumption:
25.7mpg (11.1 l/100km)

Combined CO₂ emissions:
258g/km



GS 450h: LEXUS HYBRID DRIVE

Luxury car manufacturers have long struggled with the question of how to deliver greater power without increasing fuel use or producing more emissions. Driven by the pursuit of perfection, Lexus introduced a breakthrough solution: Lexus Hybrid Drive.

With the award-winning GS 450h, the world's first high-performance hybrid, Lexus continues to lead the field in hybrid technology. At the heart of the vehicle is the innovative Lexus Hybrid Drive system, which intelligently applies power from both the engine and the electric motor, orchestrating the power resources on your behalf. The result is a world-leading combination of performance, efficiency and a remarkably smooth, quiet drive.

START-UP

Under normal conditions, only the electric motor is used when the vehicle starts, moves off and travels at low speeds. This means it is incredibly quiet and also produces zero emissions in, for example, stop-start traffic.

ACCELERATION

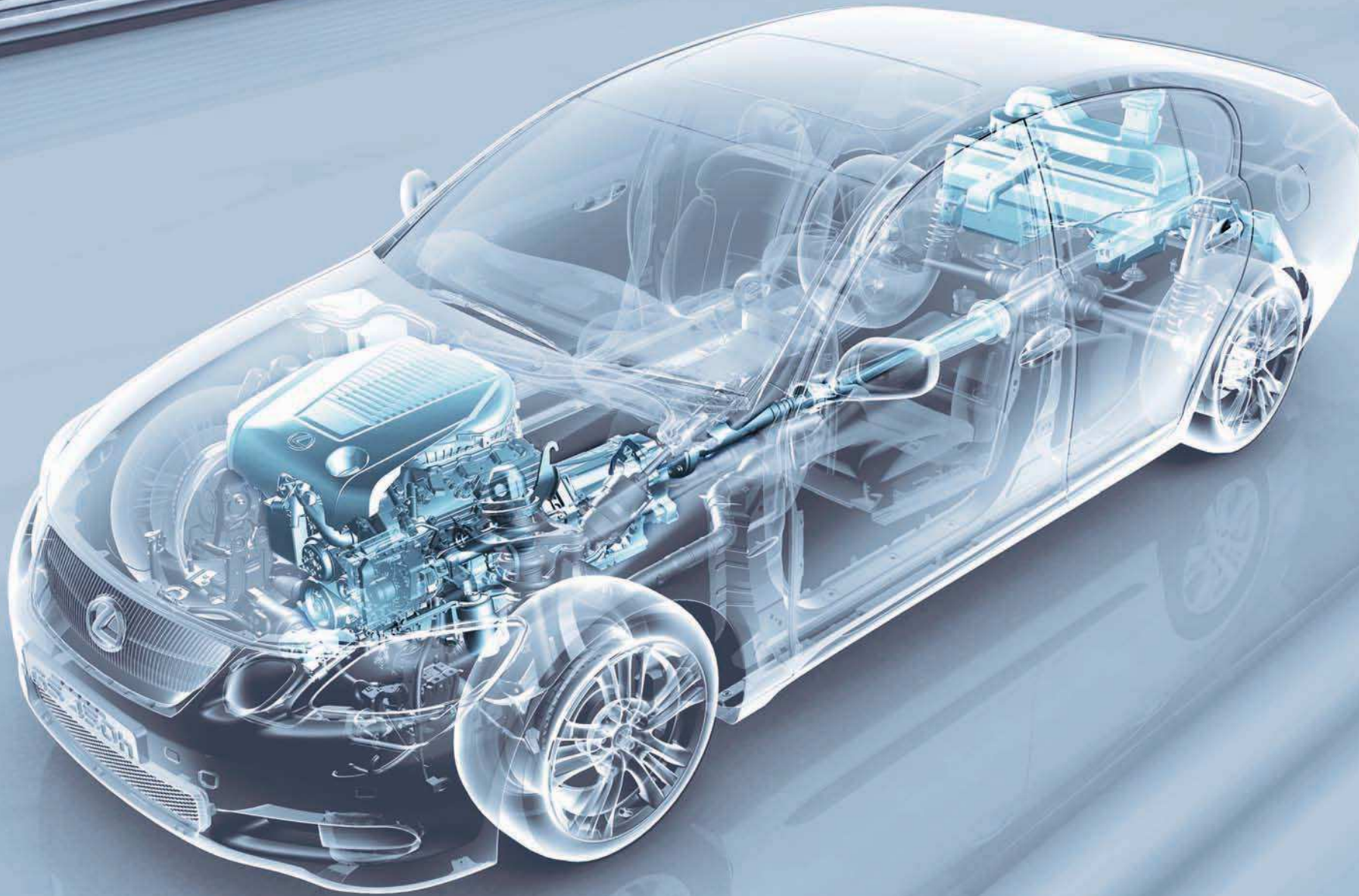
The V6 engine starts automatically when the GS accelerates, seamlessly adding its power to that of the electric motor, while also driving the generator to ensure a constant supply of electricity.

CRUISING

The petrol engine is the main power source as you reach normal driving and cruising speeds, but the electric motor will add precisely controlled power for extra acceleration when needed.

DECELERATION

Return to low speeds or cruise gently downhill and the system switches back to whisper-quiet electric-only mode. The battery never needs external recharging as it's constantly topped up by engine power or regenerative braking.



GS 450h: HYBRID PERFORMANCE

You might be drawn to the GS 450h for its fuel efficient high performance. Or perhaps you want to reduce your impact on the environment. Whatever your motivation, you will be rewarded with a driving experience that is beyond comparison.

The GS 450h offers truly sensational performance. The instantaneous delivery of torque makes acceleration extremely rapid. Combine this with the extraordinary smoothness of the hybrid transmission and the feeling is unlike anything you would experience in a conventionally powered vehicle. It's an astonishing surge of power, which we call 'linear acceleration'.

Seamlessly combining a 3.5-litre V6 petrol engine with a high-output electric motor and an advanced compact battery, Lexus Hybrid Drive provides the GS 450h with a maximum output of 341bhp. The result is breathtaking performance, capable of achieving 0-62mph in less than six seconds.

Performance

Combined power: 341bhp

Acceleration: 0-62mph
in 5.9 seconds

Maximum speed: 155mph
(electronically limited)

Combined fuel consumption:
35.8mpg (7.9 l/100km)

Combined CO₂ emissions:
185g/km



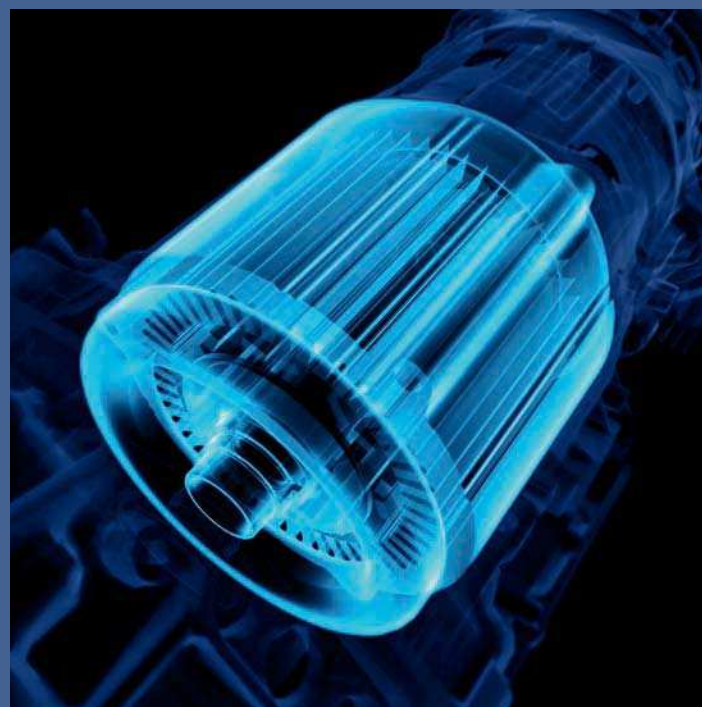
GS 450h: HYBRID TECHNOLOGY

For breathtaking performance and low emissions the GS 450h intelligently combines a 3.5-litre V6 petrol engine with a high-output electric motor, advanced compact battery, seamless hybrid transmission and breakthrough Power Control Unit.



3.5-LITRE V6 PETROL ENGINE

The lightweight, all-aluminium 3.5-litre V6 engine is highly responsive yet remarkably smooth. The Direct-injection 4-stroke Superior version (D-4S) fuel injection system features two injectors per cylinder to ensure optimum engine efficiency and higher torque, while also minimising fuel consumption and emissions.



HIGH-PERFORMANCE ELECTRIC MOTOR

The compact design and low weight of this water-cooled synchronous motor, together with advances in its electro-mechanical operation, delivers a very smooth and quiet performance. Running on a 650v current, the motor delivers 147kW of power and an astonishing 275Nm of instantaneous torque.



ADVANCED COMPACT BATTERY

The advanced compact battery stores the electric power generated by Lexus Hybrid Drive until it is required. Sitting neatly behind the rear seat so interior space is not compromised, the nickel-metal hydride advanced compact battery delivers high power output in relation to its low weight. Built for longevity, it requires neither external recharging or periodical replacement.



POWER CONTROL UNIT (PCU)

The PCU is the brain of Lexus Hybrid Drive. Only slightly larger than a normal car battery, it seamlessly controls the allocation of power resources to ensure optimum efficiency at all times. When you need to increase the flow of power, the PCU places the combined force of the V6 petrol engine and the electric motor at your disposal. At other times – when braking, for example – the energy created is used to charge the battery.



HYBRID TRANSMISSION

The two motive forces of Lexus Hybrid Drive are combined via the Electronically-controlled Continuously Variable Transmission (E-CVT), a planetary automatic transmission with infinitely variable gear ratios that continuously change depending on vehicle speed and engine revs. The result is an incredibly smooth transmission without the shift shock associated with the gear changes of a traditional automatic.

GS 300: EXHILARATING PERFORMANCE

The 3.0-litre V6 petrol engine in the GS 300 delivers an exceptional combination of sports performance and real-life economy.

The key to this is a technologically advanced direct-injection system that maximises the potential of the engine's high compression ratio. Special high-pressure 'slit' injectors introduce extremely fine particles of fuel into the combustion chamber, stabilising the fuel/air mixture and further enhancing the engine's capabilities. Even the asymmetric shape of the chamber itself has been designed to ensure excellent combustion and hence improve output.

Added to this is dual Variable Valve Timing with intelligence (VVT-i), a variable air-fuel intake and exhaust valve timing system that improves torque and engine responsiveness as well as contributing to a significant reduction in exhaust emissions, such as NO_x and HC, compared to similar vehicles without this technology.

But power is not achieved at the cost of refinement. A rigid forged crankshaft features optimised balance characteristics to minimise noise and vibration. And to reduce weight, the V6 uses an aluminium die-cast cylinder block and an intake chamber made of lightweight resin.

Performance

V6 power: 245bhp

Acceleration: 0-62mph
in 7.2 seconds

Maximum speed: 149mph

Combined fuel consumption:
29.4mpg (9.6 l/100km)

Combined CO₂ emissions:
226g/km





DRIVING DYNAMICS

The GS is first and foremost a driver's car – an exceptionally refined one. Once behind the wheel you will experience a profound sense of connectedness to a vehicle that is beautifully balanced and pleasingly agile. Steering is effortlessly smooth, responses precise.

The front double wishbone set-up combines lightweight components and forward-mounted power steering gear to enhance control and encourage excellent high-speed stability, while the multi-link arrangement at the rear enhances the vehicle's directional stability.

To fine-tune ride characteristics, the Adaptive Variable Suspension system gives the driver a choice of two damper settings: 'Normal', for everyday driving and 'Sport', for greater body control and exact steering when cornering at higher speeds.

For class-leading steering precision, the GS 450h and GS 460 are also equipped with speed-sensitive Variable Gear Ratio Steering (VGRS), which adjusts the degree of steering assistance according to your speed. In an emergency VGRS reacts even faster to help you steer away from danger.

An Active Stabiliser System is standard on the GS 450h Sport for added dynamic control. Its variable twist-torque anti-roll bars deliver flatter cornering and enhanced steering during high-performance driving, while still maintaining ride comfort.

INTELLIGENT ASSISTANCE

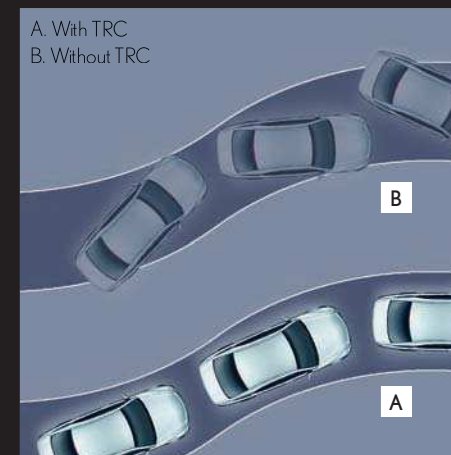
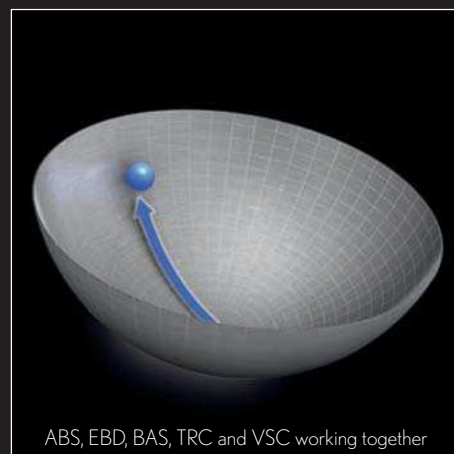
The comfort and wellbeing of the driver is of supreme importance to us, which is why we created a vehicle with systems that not only enhance driving pleasure but also offer class-leading safety characteristics.

Every vehicle in the GS Series is equipped with Electronic Brakeforce Distribution (EBD), Brake Assist System (BAS), Traction Control (TRC) and Vehicle Stability Control (VSC) – some of the most advanced technology available in a luxury vehicle. Gathering these 'thinking' parts into a seamless, cohesive whole is the technologically advanced Vehicle Dynamics Integrated Management (VDIM) system.

There is also the option of our breakthrough Pre-Crash Safety System (PCS), designed to anticipate collisions and minimise the harm to the vehicle's occupants. In the event of a collision occurring, it's reassuring to know you're in a robust vehicle: the GS has been awarded a five-star Euro NCAP adult passenger protection rating.



DYNAMIC SAFETY TECHNOLOGY



VEHICLE DYNAMICS INTEGRATED MANAGEMENT (VDIM)

The GS Series features some of the most sophisticated technology yet seen in a luxury vehicle. To ensure you experience it to the full, we created VDIM, an innovation that pools all the vehicle's stability and control systems – the Anti-lock Braking System (ABS), Electronic Brakeforce Distribution (EBD), Brake Assist System (BAS), Traction Control (TRC), Vehicle Stability Control (VSC) and Electric Power Steering (EPS) – into a 'thinking' unit that acts cohesively, to pre-empt difficult situations.

INTELLIGENT ADAPTIVE FRONT-LIGHTING SYSTEM (I-AFS)

I-AFS automatically swivels the headlights by up to 15 degrees into approaching corners, revealing details that would not otherwise be visible. The high intensity discharge (HID) headlights use xenon technology to deliver crisp light and an excellent field of vision. At the rear, light emitting diode (LED) brake lights don't just look good, they also react faster, contributing to overall safety.

ELECTRONIC BRAKEFORCE DISTRIBUTION (EBD)

The Anti-lock Braking System (ABS) prevents the tyres from locking up if you brake hard or encounter a slippery surface. With EBD, though, you get an even safer, more composed feel. Depending on the driving conditions, EBD works with ABS to regulate the distribution of brakeforce between the front and rear, and left and right wheels, helping to maintain stability when cornering and braking. This prevents wheel lock, thereby enhancing control and braking performance.

BRAKE ASSIST SYSTEM (BAS)

This device could make a crucial difference in difficult circumstances by improving your braking ability. In a panic situation, it's possible for a driver to apply insufficient force to the brake pedal. If this happens, the system anticipates the need for extra brakeforce and applies it. A computer recognises the situation based on information 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.

TRACTION CONTROL (TRC)

TRC monitors and controls the amount of torque, or twisting force, at each wheel to help ensure safe and effective power delivery. If it detects that a wheel is starting to slip – on a wet or muddy surface, for instance – the system's Skid Control computer instantly determines the best way to restore traction to it. Then it automatically decreases the torque being delivered to the wheel, or in more extreme cases applies the brakes on 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 emergency avoidance manoeuvres are required. For instance, in some circumstances, entering a corner a little too fast and applying the brakes could cause the weight of the vehicle to shift forward and the rear wheels to lose grip. With VSC, strategically placed sensors would assess what's happening – registering body movement, the angle of the steering wheel and brake pressure – and the system would then distribute the precise amount of brake pressure needed to help maintain a safe course.

ACTIVE REASSURANCE

chnologically advanced and reassuringly thorough, the safety features on the GS Series are designed to pre-empt dangerous situations and, where possible, avoid them. If a collision proves unavoidable, they will limit the impact as far as is possible.

PRE-CRASH SAFETY SYSTEM (PCS)*

The PCS is fitted as standard on the GS 460 and is also optional on the SE-L grade on the GS 300 and GS 450h. It works by detecting obstacles in front of the car, while the Electronic Control Unit monitors speed and steering angle to identify possible collisions. If required, the PCS will take action in a split second, pre-emptively retracting the Pre-Crash front seatbelts to reduce the risk of injury and priming the Brake Assist System (BAS) to reduce speed before impact.

ADAPTIVE CRUISE CONTROL (ACC)*

ACC works in tandem with the PCS, automatically matching the speed of the GS to that of the vehicle in front and gently applying the brakes when required to maintain a safe distance. The driver can select long, medium or short vehicle-to-vehicle distances, and the system control settings are easily identifiable on the vehicle's multi-function display in the instrument panel. Once the road is clear, the GS accelerates to the former cruising speed.

PIONEERING PROTECTION

The GS offers state-of-the-art passenger protection, with up to 10 airbags located throughout the cabin. Should a collision occur, sensor-controlled front airbags register the intensity of the impact and react accordingly. In the front of the cabin, Thorax, Abdomen, Pelvis (TAP) airbags protect some of the most vulnerable areas of the body. Along the sides of the interior, the curtain shield airbag system provides yet further protection.

* Please note: The Pre-Crash Safety System with Adaptive Cruise Control (PCS with ACC) are driver aids designed to help reduce the crash speed and damage in certain collisions only. It is not a collision avoidance system and is not a substitute for safe, careful and attentive driving. System effectiveness depends on many factors, such as speed, driver input, climate, weather and road conditions.





A WELCOME FEELING

A world of luxury and comfort awaits you inside the GS. Given the unique profile of this car, we made some very careful choices when it came to selecting the materials, fit and finish of the cabin. Yet it doesn't just look and feel good, it's also practical and durable.

The ergonomically designed front seats and leather-covered steering wheel remain comfortable, no matter how long your journey, and feature comprehensive electric adjustment so you can always find the ideal driving position.

For maximum driving enjoyment, every switch and lever in the GS cabin is designed to feel just right to the touch and give reassuring feedback.

And behind it all, set in the centre console, is the highly intuitive Electro Multi-Vision (EMV) VGA display, operating all the major information and entertainment features at the touch of a screen or the sound of your voice.

Everything about the interior of the GS communicates an unambiguous message of quality.

LEXUS COMFORT



SMART ENTRY AND START SYSTEM

With the Smart Entry and Start system all you need do is have the electronic key in your hand, pocket or bag and it will inform the GS when you are approaching. Just touch any door handle or the power boot release and it will unlock automatically. Once inside, press the Start button and you are ready to drive. The Lexus Card Key, an ultra-slim electronic key, can be programmed to store the preferred settings of each driver – such as seat and steering wheel position.

COURTESY LIGHTS

The lights on the GS provide a courteous welcome. A carefully choreographed lighting sequence will guide the driver and passengers from the darkness outside into the warmly lit sanctuary of the cabin, anticipating their needs every step of the way.

DISCREET INSTRUMENTS

Inside the cabin, the number of switches and dials has been kept to a minimum to preserve the immediate impression of space and elegance. All major commands can be performed by voice control. Functions that are not required as often are conveniently integrated into a drop-down instrument pod located close to the steering wheel. Here you'll find controls for the electric rear sunshade, parking assist sensors, headlight washers and electric door mirrors.

ELECTRICALLY ADJUSTABLE SEATS

The eight-way electrically adjustable front seats in the GS Series combine snug lateral support with a broad shoulder area and supportive headrest. Seats are available in exquisitely finished leather, with fan-assisted air conditioning and heating – perfect for a rapid warm-up on frosty mornings. The memory function can recall up to three positions and automatically reposition the seat and steering wheel to your saved settings.

LIGHT-SENSITIVE INSTRUMENT DISPLAY

For your comfort and safety, the instrument display features Electro Chromatic Device (ECD) glass, which actively combats glare and enhances clarity by lightening or darkening according to the prevailing light. The Optitron instrumentation features high-quality analogue dials with crisp, white illumination and light emitting diode (LED) indicator needles.

LED INTERIOR LIGHTING

White LED lights are used for reading, glove compartment and centre console box lights, and to provide spot illumination of the seats, gearshift lever and steering wheel. As well as giving a relaxing and defined light, LED lights consume considerably less energy than conventional filament bulbs.

ADVANCED NAVIGATION

All controls in the GS Series are designed to be intuitively easy to use, feel good to the touch and respond to your commands with effortless efficiency.

MULTIMEDIA AND NAVIGATION PACKAGE

The GS has one of the most advanced DVD-based Multimedia and Navigation packages available today (standard on the GS 300 SE and SE-L, GS 460, GS 450h SE and SE-L). With maps covering all of Western Europe, the system can direct you to addresses, stored destinations and points of interest, presenting the results clearly on the full-colour display.

In countries with Dynamic Route Guidance (DRG)* facilities, the Multimedia and Navigation system is constantly updated on traffic conditions and can suggest alternative routes to avoid delays.

ELECTRO MULTI-VISION (EMV) VGA DISPLAY

The EMV VGA display provides information on systems such as navigation and climate control. It also presents comprehensive travel information, including outside temperature and current fuel efficiency, on a colour LCD screen.

PARKING ASSIST MONITOR

Parking the GS is simple, thanks to the Parking Assist Monitor. Operated through the EMV VGA display, the Parking Assist Monitor features a video camera mounted in the rear number

plate that projects a full-colour view of the surroundings. When you want to reverse, the system offers on-screen guidelines to help you plot the ideal course into your parking space.

BLUETOOTH® CONNECTIVITY

The Bluetooth® phone** system allows you to make and receive hands-free mobile phone calls, either by operating the EMV VGA display, the steering wheel-monitor switches or through voice command. A useful extra feature of the system is that it can store all the contact numbers from a mobile phone or PDA SIM card.

VOICE ACTIVATION

For your safety and convenience, the Multimedia and Navigation package is equipped with voice-activated control of the navigation, audio, air-conditioning and phone systems. There is an on-screen Help button should you need any instructions.

* DRG is available in countries using the RDS radio system, where the Traffic Messaging Channel will enable the use of DRG.

** Contact your local Lexus Centre for details of phone compatibility.



mark
levinson®
MADRIGAL AUDIO LABORATORIES

PREMIUM ACOUSTICS

The sophisticated cabin accoustics in the GS make it one of the quietest saloons ever built and an ideal environment in which to enjoy outstanding audio entertainment.

The aerodynamics of the GS Series were honed in a wind tunnel to reduce noise. Every possible entry point has been considered: all doors are triple sealed, with additional doorsill seals to minimise sound. The entire bonnet rim has a rubber seal, while mouldings to the windscreen and door glazing further combat wind noise.

10-SPEAKER STANDARD AUDIO SYSTEM

The GS 300 and GS 450h come with a 10-speaker standard audio system, comprising a six-CD autochanger, FM/AM RDS tuner and an auxiliary input. The audio system features front and rear door-mounted tweeters, a large subwoofer and a front centre speaker for improved definition and mid-range clarity. Control is seamlessly managed by touch-screen or voice command.

MARK LEVINSON® REFERENCE SURROUND SOUND AUDIO SYSTEM

Should you want even greater audio refinement, the peerless Mark Levinson® Reference Surround Sound audio system is standard on SE and SE-L grades and the GS 460. Providing sound of outstanding quality, it's optimised for music and DVDs to deliver a complete entertainment experience.

Together Lexus and Mark Levinson® spent more than 2,000 hours researching and testing to match the system to the acoustic characteristics of the GS cabin. There are no fewer than 14 speakers, each one custom-engineered for its specific location.

SPECIFICATIONS

Engine		GS 300	GS 450h	GS 460
	VVT-i (Variable Valve Timing with intelligence)	Dual	Dual	Dual with VVT-iE
	Cylinders/Valves	V6/24	V6/24	V8/32
	Capacity (cc)	2,995	3,456	4,608
	Max. output (kW/bhp@rpm)	183/245@6,200	218/292@6,400	255/342@6,400
	Max. torque (Nm@rpm)	310@3,500	368@4,800	460@4,100
Motor				
	Max. output (kW/bhp)	-	147/197	-
	Max. torque (Nm)	-	275	-
System output				
	Max. output (kW/bhp)	-	250/341	-
Transmission				
	Rear-wheel drive	✓	✓	✓
	Transmission	6-speed automatic	E-CVT transmission	8-speed automatic
Performance				
	Max. speed mph (km/h)	149 (240)	155 (250)	155 (250)
	0-62mph (s)	7.2	5.9	5.8
Fuel consumption (according to 93/116/EEC)				
	Urban mpg (l/100 km)	199 (14.2)	310 (9.1)	173 (16.3)
	Extra-urban mpg (l/100 km)	40.4 (7.0)	39.8 (7.1)	35.8 (7.9)
	Combined mpg (l/100 km)	29.4 (9.6)	35.8 (7.9)	25.7 (11.1)
	CO ₂ emissions (g/km)	226	185	258
	BIK Tax band (07/08)	32%	22%	35%
Brakes				
	Front	Ventilated discs	✓	✓
	Rear	Ventilated discs	✓	✓
Suspension				
	Front	Double wishbone	✓	✓
	Rear	Multi-link	✓	✓
Dimensions				
	Length (mm)	4,850	4,850	4,850
	Width (mm)	1,820	1,820	1,820
	Height (mm)	1,430	1,430	1,430
	Wheelbase (mm)	2,850	2,850	2,850
	Luggage compartment (m ³)	0.430	0.280	0.430
	Fuel tank (l)	71	65	71
Weights				
	Kerb weight (min.-max. kg)	1,620-1,660	1,865-1,930	1,735-1,800
	Gross vehicle weight (kg)	2,125	2,355	2,160

DYNAMIC ALLOY WHEELS



For maximum grip, excellent handling, and dynamic and sporty looks, all GS vehicles are fitted with low-profile tyres and alloy wheels as standard. Precision engineering maintains a balance of low weight and high strength.

The GS 300 and GS 300 SE are fitted with 7-spoke 17-inch wheels as standard. The GS 300 SE-L and the GS 460 feature 5-spoke 18-inch wheels, while the GS 450h is fitted with 18-inch wheels with a 5 tri-spoke design on all grades.



17" 7-SPOKE ALLOY WHEELS (GS 300, GS 300 SE)



18" 5-SPOKE ALLOY WHEELS (GS 300 SE-L, GS 460)



18" 5 TRI-SPOKE ALLOY WHEELS (GS 450h ALL GRADES)

STANDARD EQUIPMENT

Safety and security

AVS (Adaptive Variable Suspension)
ABS (Anti-lock Braking System)
BAS (Brake Assist System)
TRC (Traction Control)
EBD (Electronic Brakeforce Distribution)
EPS (Electric Power Steering)
VDIM (Vehicle Dynamics Integrated Management)
VSC (Vehicle Stability Control)
Anti-theft system: siren, intrusion sensor, immobiliser and double door lock
Driver and front passenger 2-stage airbag
Knee airbag (driver and front passenger)
TAP (Thorax, Abdomen, Pelvis) front side airbag
Curtain shield airbags front and rear
WIL (Whiplash Injury Lessening) front seats
ISOFIX attachment, rear seats
Seatbelt pre-tensioners front and rear (left and right rear seats only)
TPWS (Tyre Pressure Warning System)

Exterior

Outside rear-view mirror: electrically adjustable, folding, heated, electro-chromatic (auto-dimming)
HID (high intensity discharge) dipped headlights with pop-up washers and auto-levelling
I-AFS (Intelligent Adaptive Front-lighting System)
LED (light emitting diode) rear lights and licence plate illumination
Water-repellent front door window glass
UV-cut front side glass

Interior

Smart Entry and Start system
Illuminated entry system with white LED (light emitting diode) lights
Optitron display with ECD (Electro Chromatic Device) technology
Touch-screen 7" Electro Multi-Vision (EMV) VGA display
Inside rear-view mirror: electro-chromatic (auto-dimming)
Cruise control
Leather gearshift lever, leather steering wheel
Electrically multi-adjustable power tilt and telescopic steering wheel
Steering wheel operation for audio and phone
Wood inserts on doors and lower centre console
In-dash, single-slot six-CD autochanger
Multi-Information Display in centre instrument cluster
Bluetooth® mobile phone connectivity
One-touch power windows front and rear
Electronic Climate Control with separate driver/passenger controls
Electrically adjustable front seats with lumbar support (driver 8-way, passenger 8-way)
Clean air filter with pollen removal mode

Additional Specifications

GS 300

17" 7-spoke alloy wheels (225/50 R17)
Fabric upholstery
10-speaker Premium audio system, LW/MW/FM tuner with RDS,
6-CD autochanger

GS 300 SE

As GS 300, plus:

Rain-sensing wipers
Leather upholstery with heated front seats and memory package
Rear side airbags
Multimedia and Navigation package (Dynamic Route Guidance; GPS-linked clock; Mark Levinson® Reference Surround Sound audio system [14 speakers, 6-DVD changer]; Bluetooth® connectivity; Parking Assist Monitor)
Speed and steering-sensitive parking sensors
Electric rear sunshade
Optional electric sunroof

GS 300 SE-L

As GS 300 SE, plus:

18" 5-spoke alloy wheels (245/40 R18)
Rear lip spoiler
Luxury semi-aniline leather upholstery with ventilated front seats and memory package
Leather and wood steering wheel and wooden gearshift lever
Optional PCS (Pre-Crash Safety) / ACC (Adaptive Cruise Control)
Optional electric sunroof

GS 460

As GS 300 SE-L, plus:

VGRS (Variable Gear Ratio Steering)
PCS (Pre-Crash Safety) / ACC (Adaptive Cruise Control)
Rear lip spoiler
Electric sunroof

GS 450h

18" 5 tri-spoke alloy wheels (245/40 R18)
VGRS (Variable Gear Ratio Steering)
ECB (Electronically Controlled Braking)
Leather upholstery with heated front seats and memory package
10-speaker Premium audio system, MW/FM tuner with RDS,
6-CD autochanger

GS 450h SE

As GS 450h, plus:

Rain-sensing wipers
Rear side airbags
Multimedia and Navigation package (Dynamic Route Guidance; GPS-linked clock; Mark Levinson® Reference Surround Sound audio system [14 speakers, 6-DVD changer]; Bluetooth® connectivity; Parking Assist Monitor)
Speed and steering-sensitive parking sensors
Electric rear sunshade
Optional electric sunroof

GS 450h SE-L

As GS 450h SE, plus:

Rear lip spoiler
Luxury semi-aniline leather upholstery with ventilated front seats and memory package
Leather and wood steering wheel and wooden gearshift lever
Optional PCS (Pre-Crash Safety) / ACC (Adaptive Cruise Control)
Optional electric sunroof

GS 450h Sport

As GS 450h SE, plus:

Run flat tyres
Electrical active stabiliser
Styling package comprising rear lip spoiler; front, side and rear skirts