

LEXUS

ES





# LEXUS ES

The next chapter in the ES story

The seventh generation Lexus ES will usher in a new era for one of the brand's longest-established and most popular models. In common with the Lexus flagship LS, the new ES sedan aims to engage a wider range of customers. It delivers everything traditional Lexus buyers expect, together with qualities that will draw in those who have not considered the brand before. Stronger styling, more dynamic performance, high-quality interior finishes and the latest safety technology will help recast the image of the ES into one that is new and unexpected.

Long renowned for its comfort and refinement, the new Lexus ES builds on its strengths with an all-new chassis that allows for a more dynamic exterior design and driving performance.

It is a further expression of Lexus' design direction and commitment to crafting vehicles that provide more excitement, emotional connection and passion, helping bring the brand's vision for its future to a wider audience. Traditional buyers will find the new ES more spacious, quieter and safer than ever before, while a new generation of customers will be introduced to a sedan with sharpened performance, class-leading safety technology and a level of craftsmanship rarely found in this market segment.

The Lexus ES design has a much stronger emotional quality. The eye-catching styling will have particular appeal to customers with a more engaging driving experience and even higher safety provisions. Both ES variants are powered by a hybrid electric system.

# EXTERIOR DESIGN

With the new ES range Lexus has explored the limits of mid-size luxury sedan design. The car is longer (+65 mm), lower (-5 mm) and wider (+45 mm) than its predecessor. The longer wheelbase (+50 mm) allows the wheels to be pushed closer to the car's corners, with wider front and rear tracks. Its stance and proportions reflect its newly developed performance capabilities and give the ES the kind of eye-catching appeal that will make owners and admirers take a second look. Yasuo Kajino, ES Chief Designer, describes the car's new look as 'provocative elegance'.

The new platform allowed for a lower hood line, which gave Kajino's team the freedom to produce a distinctive silhouette with a strong downward slant, creating a dynamic yet fluid shape, with vertical bars that radiate out from the centre of the signature Lexus spindle grille.

In a break with past generations, the design features a fast roofline that emphasises the vehicle's lower stance and slippery aerodynamics. The rear end is clean and sharply chiselled, with LED lights that wrap around the quarter panels to generate a continuous styling line when viewed from any angle. ES 300h features 17" alloy wheels while the ES 300h Limited rides on 18" alloys.

A palette of 9 colours includes two new colours to the Lexus range. Ice Ecu is designed to mimic light reflected off fresh snow, while Olive Green is inspired by ocean water in sunlight.



# INTERIOR DESIGN

The starting point for the ES interior was the Lexus Future Interior concept, which blends a driver-centric cockpit with a spacious and comfortable area for the front passenger. The driver's focus is kept on the road ahead by locating the centre display screen, instrument panel and head-up display in a tight cluster within the field of view. Front passengers, on the other hand, have a more open, spacious and relaxing environment.

The navigation provides a 12.3-inch multimedia display and second generation Remote Touch touchpad control; its voice recognition also extends to a mobile assistant allowing a contactless driver's smartphone control.

Rear passenger comfort has long been a hallmark of the ES and the new model upholds this quality, in spite of the sleeker exterior roof line. A lower hip point maintains headroom while the longer wheelbase ensures generous legroom.

The interior colour options include a new combination that reflects the 'provocative elegance' design theme. The Rich Cream option available for the ES 300h Limited matches cream upholstery with a Brown headlining to give the cabin a modern, yet warm look and feel.

The ES 300h will continue to make use of traditional materials such as Bamboo and Shimamoku wood for the Limited variants, which give the ES the kind of hand-crafted appearance that luxury customers expect and appreciate.

Drive the ES 300h Limited and experience an immersive audio experience with the 17 speaker Mark Levinson premium sound system with outstanding in-vehicle performance: precision staging, world-class speaker design and placement, and unparalleled tuning and decompression technology. Speakers are placed at shoulder level around the cabin, enhancing acoustics and creating a tonal synergy.



# PERFORMANCE

## A new era of performance

The starting point for Lexus ES is an exceptionally rigid, front-wheel drive chassis that rivals the rear-wheel drive platform used for the LC coupe and LS sedan in terms of torsional stiffness. Various grades of high-tensile steel reduce weight compared to previous platforms, while enhancements such as an all-new multi-link rear suspension design, rack-mounted electric power steering and a V-brace behind the rear seat gave the engineers the flexibility to tune the ES with a new-found precision.

The chassis team sought to create a sense of comforting predictability coupled with a feeling of quick response to every movement. Yoshiaki Ito, the ES' chief test driver, explained: "We want every kind of driver to feel a sense of complete control when they are behind the wheel of the ES. It's a level of comfort that goes beyond merely delivering a smooth ride."

The ES is equipped with a new, fourth generation hybrid electric drive system that can deliver exceptional fuel efficiency, responsive performance and minimal emissions for a mid-size luxury sedan. It couples an ultra-efficient 2.5-litre Atkinson cycle four-cylinder petrol engine with a lighter, more compact and more power-dense electric motor. Total system output is 160 kW and combined cycle fuel economy is 4.6 litres/100km.

Overall driveability has been improved thanks to a more sophisticated hybrid system control computer that is better able to mimic the feel and power delivery of a standard petrol engine. Even the nickel metal hydride hybrid battery is more compact than before, allowing it to be located beneath the back seat, without intruding on boot space.



*"We knew that this ES had to feel responsive and easy to drive, no matter what kind of road it was on. That can only be achieved with a solid foundation."*

CHIEF ENGINEER YASUHIRO SAKAKIBARA,



# SAFETY

Lexus ES variants provide exceptional safety provisions with the latest Lexus Safety System+. This package of active safety technologies provides new capabilities and expands the driving scenarios in which it can provide added protection for driver and passengers and help prevent an accident from happening.

Already capable of detecting oncoming vehicles and pedestrians, daytime cyclist detection is now part of the comprehensive Pre-Crash Safety system (PCS). PCS has also been enhanced to detect pedestrians at night by increasing the radar's sensitivity and dynamic range.

Lane Tracing Assist provides lane-keeping support by way of steering control when Dynamic Radar Cruise Control is in operation. In addition to lane line detection by way of a camera, tracing of the path of the vehicle ahead enables assistance even when lane lines cannot be recognised, such as in low-speed driving in congestion when there is little distance to the preceding vehicle. If the speed of entering a curve is found, based on navigation data, to be too fast, the driver is alerted by way of the ES's Head-up Display and multi-information display, and the vehicle is automatically slowed down.

Road Sign Assist acquires road sign information and then displays such using the ES's Head-up Display and multi-information display, thus reducing driver failure to recognise signs and encouraging safe driving.

Another new safety advancement offered in the ES is a two-stage adaptive high beam system (AHS). This system not only turns the high beams on and off automatically for the driver, its 24 individual LED light array is capable of adapting the light pattern to provide enhanced illumination while reducing glare for oncoming drivers.



# SPECIFICATIONS

ES 300h & ES 300h LIMITED

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2.5 LITRE PETROL HYBRID

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4 CYLINDER ENGINE

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160kW TOTAL SYSTEM OUTPUT

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4.6 LITRES COMBINED FUEL CONSUMPTION

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E-CVT ELECTRONICALLY CONTROLLED CONTINUOUSLY VARIABLE TRANSMISSION

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EXTERIOR COLOURS



Sonic Quartz | 085



Ice Ecu | 4X8



Platinum Silver | 114



Olive Green | 6X0



Titanium | 1J7



Burgundy | 3R1



Basalt Mica | 1H9



Deep Blue | 8X5



Graphite Black | 223

SOME IMAGES AND CONTENT IN THIS BROCHURE HAVE BEEN SOURCED GLOBALLY AND MAY DIFFER FROM NEW ZEALAND SPECIFICATION.

INTERIOR TRIMS



Chateau | ES 300h



Rich Cream | ES 300h Limited



Black | Base Grade and Limited variants



17-inch alloy wheels | ES 300h



18-inch alloy wheels | ES 300h Limited

ES 300h



Black



Chateau



3D Film

NULUX SEATS

INTERIOR TRIM

NULUX SEATING MATERIAL OFFERS MORE THAN JUST GOOD LOOKS AND A SUPPLE TEXTURE. IT WEIGHS HALF AS MUCH AS LEATHER, AND ITS MANUFACTURING PROCESS GENERATES LESS WASTE THAN OTHER SYNTHETIC LEATHERS.

ES 300h LIMITED



Black



Rich Cream



Shimamoku

SEMI-ANILINE LEATHER SEATS



Bamboo

MAIN FEATURES ES 300h / ES 300h LIMITED

	ES 300h	ES 300h LIMITED	
EXTERIOR	Bi-beam LED low & high beam headlights; static auto-levelling system; wide-angle cornering lights; LED Daytime Running Lights; auto lights off system	•	•
	LED 3-eye projector-type headlights; dynamic auto-levelling system; wide-angle cornering lights; LED Daytime Running Lights; auto lights off system; headlight cleaners	•	•
	Tinted acoustic windshield glass; front door water repellent tinted acoustic glass; rear door and rear privacy glass - all with UV reduction; rain sensing windshield wipers	•	•
	Automatic dimming heated exterior mirrors with LED side turn signal light and power folding (ES 300h); automatic power fold and reverse tilt (ES 300h Limited)	•	•
	Handsfree kick-type boot release	•	•
17" grey metallic alloy wheels (ES300 h); 18" hyper-chrome metallic alloy wheels (ES 300h Limited)	•	•	
INTERIOR	Nulux seats; driver and front passenger 8-way power adjustment, front seat heaters, fixed rear seats with rear seat boot access	•	•
	Semi-aniline leather accented seats; driver's 10-way power adjustable seat with variable cushion length, driver seat 4-way power lumbar support; front passenger 8-way power adjustment; front seat heaters with ventilation; driver and front passenger 3-way memory; power recline rear seats; rear seat control panel (for air conditioning, audio, rear seat heater, reclining and sunshade functions); rear seat boot access	•	•
	Centre console box; vanity mirrors and lights (front seats); front console cupholders	•	•
	Dual zone air conditioning system with independent temperature controls for driver and front passenger, clean air filter with pollen and odour removal; windshield humidity sensor for fog prevention	•	•
	Triple zone air conditioning system with independent temperature controls for driver, front passenger and rear seat; clean air filter with pollen and odour removal; rear control panel; windshield humidity sensor for fog prevention	•	•
Ambient interior lighting; power rear window and manual rear door sunshades	•	•	
OPERATION	Smart key entry system and push button start, card key	•	•
	4.2" colour multi-information display; analogue clock; 7" single ring colour TFT meter with selectable analogue/digital speedometer, tachometer, Hybrid system indicator	•	•
	Power tilt and telescopic steering column (memory for ES 300h Limited)	•	•
	3-spoke leather steering wheel with controls for audio, phone, voice, multi-information display; wood ornamentation with heater and memory (ES 300h Limited), 2 x USB rear charging ports	•	•
Wireless device charger (Qi compatible only)	•	•	
NAVIGATION & AUDIO	Lexus audio system with 12.3" display, AM/FM radio, in-dash CD/DVD player, 10 speakers, Dynamic voice recognition, Bluetooth function with hands-free calling and music streaming, 2 x USB ports/1 x 3.5mm audio jack	•	•
	Mark Levinson Premium audio system with 12.3" display, AM/FM radio, in-dash CD/DVD player, 17 speakers, Clari-Fi music restoration technology, Dynamic voice recognition, Bluetooth function with hands-free calling and music streaming, 2 x USB ports/1 x 3.5mm audio jack	•	•
	Remote touch interface Lexus navigation system with SUNA traffic avoidance system (traffic information only available in some regions)	•	•
SAFETY & SECURITY	Lexus Safety System+: Pre-Crash Safety system with Autonomous Emergency Braking for vehicles, pedestrians and cyclists, all-speed Dynamic Radar Cruise Control, Lane Tracing Assist with centering function, steering assist and vehicle sway warning, Automatic High Beam (two stage Adaptive High beam System for the ES 300h Limited); Road Sign Assist	•	•
	10 airbags: Driver and front passenger front, driver and front passenger knee, front seats side, rear seats side and front and rear curtain shield airbags	•	•
	Anti-lock Brake System, Electronic Brake force Distribution, Brake Assist system, Vehicle Stability Control, Traction Control System, Hill-start Assist Control and Secondary Collision Brake, Active Cornering Assist	•	•
	Blind Spot Monitor System; Rear Cross Traffic Alert	•	•
	Reversing camera with dynamic guidelines; 4 x front and rear parking assist-sensors	•	•
	Panoramic view monitor - four high-resolution cameras mounted on the front, sides and rear of the vehicle give drivers a bird's-eye view of the near environment	•	•
	3-point ELR seatbelts on all seats with pretensioners and force limiters for front and outer rear seats	•	•
	2 x ISOFIX compliant child seat anchor points on outer rear seats and 3 x tether anchors	•	•
	Alarm system with horn, ultrasonic glass-break; immobiliser	•	•
	Tyre pressure warning system	•	•

SPECIFICATIONS ES 300h / ES 300h LIMITED

DIMENSIONS & WEIGHT	
Overall length:	4975mm
Overall width:	1865mm
Overall height:	1445mm
Wheelbase:	2870mm
Track:	Front - 1600mm; Rear 1610mm ES 300h Front - 1590mm; Rear 1600mm ES 300h Limited
Kerb weight:	1680-1740kg
Gross vehicle weight:	2150kg
Towing capacity:	Not rated
Luggage capacity:	454 litres
CHASSIS	
Suspension:	Front - MacPherson strut type, stabiliser bar Rear - Trailing arm double wishbone type, stabiliser bar Front and rear performance dampers ES 300h Limited
Steering system:	Electric Power Steering
Brakes:	Front - ventilated discs; Rear - solid discs
Minimum turning circle:	11.6m ES 300h; 11.8m ES 300h Limited
Fuel tank capacity:	50 litres
Tyres:	215/55R17 ES 300h; 235/45R18 ES 300h Limited
Spare Wheel:	Alloy temporary type

ENGINE	
Type:	2.5-litre, 4-cylinder in-line DOHC 16-valve (A25A-FXS)
Piston displacement:	2487cc
Fuel system:	Direct and Port Fuel Injection (recommended RON 95)
Fuel consumption:	4.6L/100km* (combined)
CO <sub>2</sub> emissions:	104g/km* (combined)
Motor:	Lexus Hybrid Drive
Hybrid battery type:	Ni-MH (Nickel-Metal Hydride)
Total system output:	160kW (Petrol Engine + Lexus Hybrid Drive)
Transmission:	Electronically controlled Continuously Variable Transmission

\*Fuel consumption (combined ADR 81/02) , CO<sub>2</sub> emissions (combined ADR 79/04)







# LEXUS TAKUMI

Every Lexus is based on an uncompromising approach to creating premium automobiles. Inspired by our 'Yet' philosophy, we seek innovation in every facet of engineering through a sophisticated fusion of seemingly incompatible ideas such as 'high performance yet high fuel efficiency'. In addition, unique Lexus styling is born of our L-finesse design language, a fine balance of 'Leading-edge' and 'finesse', so that every Lexus is not only captivating and luxurious, but also highly refined. Finally, every new Lexus model is also measured against a set of internal standards covering design, performance, specifications and equipment, to confirm it is distinctive and worthy of the Lexus emblem.

This pursuit of perfection is evident at every stage of the manufacturing process. Every Lexus vehicle is created with a masterful skill and attention to detail inspired by both traditional artisanship and state-of-the-art engineering. For example, at the Tahara plant in Japan, precision components made using leading-edge digital technology are assembled and finished by master craftsmen called Takumi, whose technical expertise and sure senses are honed by decades of rigorous experience.



# LEXUS CARE

## Lexus Warranty

An important part of the peace of mind that comes with owning a Lexus is the built-in warranty on your vehicle. Each new Lexus vehicle comes with a four year unlimited kilometre warranty, supplemented by a six year Corrosion Perforation Warranty. This warranty is offered to the first owner and subsequent owners within this four year period.

## Lexus Service Plan

The Lexus Full Maintenance Service Plan that accompanies every new Lexus covers all parts and labour costs associated with the Lexus recommended service schedule for a period of four years unlimited kilometres from the date of first registration. It combines an exacting standard of maintenance with a high level of customer convenience and ensures your Lexus is serviced, as it should be - by specially trained Lexus technicians.

## Lexus On Call

With Lexus On Call we've made sure the service that makes Lexus unique will always be as close as your phone or computer. This way, you can summon assistance whenever required. In the event of an emergency or breakdown we like to take special care of you and your Lexus. Your comments are also important to us, so you're most welcome to contact us anytime and talk to us about your Lexus experience.

## Lexus Plus

We know that a helping hand can be invaluable in an emergency. Lexus Plus, in conjunction with the New Zealand Automobile Association (AA), provides a special nationwide emergency service for Lexus owners. The Lexus Plus programme provides extended protection against the possibility of being stranded away from home because of a vehicle breakdown. It gives you constant access to immediate help 24 hours a day, seven days a week.

Lexus Plus offers a range of services whether you require roadside assistance to recover your vehicle or alternative transport home.

Lexus will also arrange any accommodation and rental car requirements that may arise if breakdown repairs cannot be completed on the day of the emergency.

## Lexus Financial Services

There is an extensive range of tailored finance solutions available through your Lexus dealer designed to make acquiring a Lexus as effortless as driving one. Whether you require a fleet or personal finance plan, there are a wide range of options for leasing or purchasing a vehicle to suit your individual needs.



\* Four Year Warranty is made up of three year New Vehicle Warranty and one year Lexus Care Warranty.



Lexus On Call is your direct link to Lexus support.

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THE IMAGES AND CONTENT IN THIS BROCHURE HAVE BEEN SOURCED GLOBALLY AND MAY DIFFER FROM NEW ZEALAND SPECIFICATION.

\*Fuel consumption and CO<sub>2</sub> emissions will vary depending on driving conditions/style, vehicle condition and options/accessories fitted. Fuel consumption (combined ADR81/02), CO<sub>2</sub> emissions (combined ADR79/04).

Every endeavour has been made to ensure text details and specifications contained in this publication were accurate as at 31 August, 2018. Lexus New Zealand reserves the right at any time to introduce any changes deemed necessary to improve the models shown or for any other reason. Paint, upholstery and interior trim colours shown in this brochure may differ from actual colours due to variations in printing processes. Some models shown in this brochure may have optional accessories fitted. For further information contact your nearest Authorised Lexus Dealer. They will be glad to assist. Production effective July 2018.  
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For more detail visit:

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ES 300h