

LEXUS



BORN DIFFERENT LEXUS CT



South African vehicle specifications may differ.

## LUXURY GOES COMPACT

DRIVE THE WORLD'S FIRST FULL-HYBRID LUXURY COMPACT.

Driving the CT 200h, you'll experience peerless Lexus luxury in a compact vehicle powered by the world's most advanced full-hybrid technology. You'll also enjoy smooth performance, hallmarked by extremely low CO<sub>2</sub> emissions from just 95g/km and fuel consumption of 4.1l/100 km in EV (Electric Vehicle) mode you can drive almost silently, using no fuel and emitting zero emissions. Drive the CT 200h and you'll enjoy responsive handling and smooth acceleration. Powered by the latest Lexus Hybrid Drive, the CT 200h seamlessly combines an advanced 1.8-litre Atkinson Cycle petrol engine with a high-output electric motor. Inside, its cabin offers leading-edge audio, multimedia services and award-winning quality overseen by our master craftspeople. Discover a new level of comfort and refinement in the amazing CT 200h.

Featuring a distinctive new front end design and athletic rear styling, the latest CT 200h is great fun to own. Inside, its luxurious cockpit offers a unique Lexus welcome, with beautifully stitched leather seating and high-quality materials. However, the CT 200h is not just enjoyable to drive, it's also equipped with advanced technologies like an audio system with 10 speakers, bluetooth and a USB and auxiliary input. A driver-only audio holder has been added to the audio jack, this enhances the usability of the audio. There's ample room for suitcases too, as the hybrid battery takes up minimal space beneath the rear luggage compartment.

## FREEDOM OF THE CITY

RELAX IN A SMOOTH AND REFINED COMPACT, USING DRIVE-MODE SELECT TO TUNE THE VEHICLE TO SUIT YOUR MOOD.

Driving the CT 200h, you'll experience a real sense of connectedness in a vehicle that is perfectly balanced and smooth to drive. It is precise and controlled, especially when cornering, thanks to a rigid chassis built using breakthrough adhesive technology, lightweight aluminium components and Electric Power Steering. Double wishbone rear suspension ensures excellent road holding and a comfortable ride.



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## URBAN RENEWAL

THE CT 200h FEATURES A BOLD "SPINDLE GRILLE" AND SOPHISTICATED AERODYNAMIC ENGINEERING.

For the CT 200h, our designers applied the latest dynamic iteration of our L-finesse (L = Leading edge) creative philosophy. Centre of attention is a bolder, wider and lower "spindle grille", flanked by jewel-like headlights. For improved handling and reduced wind noise, it has a long streamlined profile, redesigned rear bumper and a shark fin antenna. For enhanced stability, aerodynamic features include surfboard-like fins beneath the vehicle and winglets on the rear lights and door pillars.



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## ENHANCED PROTECTION

THE CT 200h OFFERS PROTECTION AS STANDARD.

Equipped with Vehicle Stability Control, Traction Control and Brake Assist, the CT 200h is engineered to avoid danger. However, in the unlikely event of a collision, you are protected by an incredibly strong passenger safety cell that makes extensive use of high-tensile steel. Enhancing safety even further, the CT 200h features, Electronic Brake-force Distribution, Hill-start Assist Control and driver, front passenger, curtain and knee airbags.



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**FULL-HYBRID TECHNOLOGY**

In 2004, Lexus became the first premium carmaker to perfect full-hybrid technology. Since then, over 500,000 Lexus hybrid models have been sold. The CT 200h delivers astonishingly smooth performance and low CO<sub>2</sub> emissions from just 95g/km. It achieves this by orchestrating a combination of super-efficient 1.8-litre petrol engine, high-output electric motor, compact battery, seamless hybrid transmission and a power-control unit.



**POWER-CONTROL UNIT**

Located in the engine compartment, the ground-breaking power-control unit is the brain of Lexus Hybrid Drive and controls the allocation of power resources to ensure optimum efficiency at all times.



**1.8-LITRE 4-CYLINDER PETROL ENGINE**

Featuring Exhaust Gas Recirculation and Variable Valve Timing-intelligent technologies, this quiet and smooth "Atkinson Cycle" petrol engine delivers exceptional fuel efficiency and significantly reduced emissions.



**HIGH-OUTPUT ELECTRIC MOTOR**

Generating up to 207Nm of instantaneous and linear torque, the 60kW electric motor works together with the petrol engine to boost acceleration, and is the sole source of power in EV (Electric Vehicle) mode.



**ADVANCED COMPACT BATTERY**

Lexus Hybrid Drive includes a high-output, nickel-metal hydride 202V battery controlled by sophisticated energy-management software. Located under the luggage area, without compromising interior space, the battery is recharged as necessary while driving and requires no external charging.



**REGENERATIVE BRAKING**

Especially during braking, but also when cruising, the electric motor acts as a high-output generator, recovering kinetic energy as electrical energy. This charges the hybrid battery for use later when accelerating hard, or driving in EV (Electric Vehicle) mode.

DYNAMIC PERFORMANCE

The CT 200h was tested and refined in the world's most advanced driving simulator – and then on the racetrack. On the latest model, breakthrough adhesive bonding techniques have increased the rigidity of the chassis. This, combined with the extensive use of lightweight materials has produced a vehicle that offers a great sense of enjoyment and rewards driver input with extremely precise handling.



**AERODYNAMICS**

The CT 200h has excellent aerodynamics, thanks to its low bonnet, long roofline and rear spoiler/diffuser/winglets. A look underneath this breakthrough compact reveals more, with aerodynamic engine/fuel tank covers and surfboard-like fins that provide better stability. This attention to detail not only enhances dynamic performance and handling, but also improves fuel efficiency and reduces wind noise.



**HILL-START ASSIST CONTROL**

Hill-start Assist Control maintains brake pressure to help prevent the CT 200h from moving backwards when starting off on a slope. In addition to reducing driver fatigue, Hill-start Assist Control also minimises wheel-spin on slippery inclines.

**DOUBLE WISHBONE REAR SUSPENSION**

The double wishbone/trailing arm rear suspension, developed specially for the CT 200h, delivers a smooth ride, refined cornering agility and superb straight-line stability. More complex to manufacture than strut-based alternatives, its compact design encroaches less into the rear luggage space. Performance dampers are also available front and rear. These absorb fine vibrations, increase ride comfort and create a more precise steering feel.



**ELECTRONIC BRAKE-FORCE DISTRIBUTION / BRAKE ASSIST SYSTEM**

Electronic Brake-force Distribution works with ABS to ensure optimum brake-force is applied to each wheel, according to road conditions. The Brake Assist System comes into action during emergency braking and increases brake-force automatically if required.



**TRACTION CONTROL**

Traction Control increases the CT 200h's ability to grip the road, especially when starting off or accelerating on uneven or slippery surfaces. Corrective measures are applied the moment the risk of wheel-spin is detected, thereby maintaining traction.

**VEHICLE STABILITY CONTROL**

Vehicle Stability Control helps prevent the loss of vehicle control, particularly when cornering quickly or at the onset of a skid. Stability is improved and vehicle speed reduced by the selective application of brakes and, or, power reduction.

## ADVANCED SAFETY

The CT 200h is equipped with Vehicle Stability Control and in addition to an immensely strong passenger safety cell, occupant protection is provided by eight airbags.



### PASSENGER SAFETY CELL

For added safety, the CT 200h has a very strong passenger cell. The vehicle's main pillars are specially reinforced and high-tensile steel has been used strategically throughout. Crumple zones front and rear absorb energy in a crash, as does the steering column, which is engineered to collapse on impact.

### EIGHT AIRBAGS

The CT 200h is equipped with eight airbags and front seatbelt pretensioners. In a collision, impact-intensity sensors activate front dual-stage driver/passenger airbags and side airbags accordingly. Front-seat passengers also benefit from knee airbags, while curtain shield airbags run the full length of the side windows.

### TWIN-CHAMBER PASSENGER AIRBAG

Crash tests show that the front-seat passenger travels further than the driver before hitting the front airbag. In order to safely "catch" the passenger in a collision, an innovative twin-chamber airbag is fitted.

### PEDESTRIAN PROTECTION

The CT 200h bonnet is optimised to ensure better energy absorption in a collision with a pedestrian. In addition, the windscreen wiper area is designed to help reduce pedestrian injuries in an accident.

## INTERIOR FEATURES



### HEATED SEATS

In combination with leather upholstery, the driver and front passenger can individually heat their seat as desired. This adds to the sense of bespoke luxury and is especially welcome in extreme weather conditions.

### DRIVING COMFORT

The new CT 200h features a spacious interior, rich in the refinement and amazing quality for which Lexus is legendary. The driving position is sporty and focused, with the front seats providing great comfort and lateral support.

### COMPACT FLEXIBILITY

The new CT 200h offers excellent luggage space and load carrying versatility. With all seats upright, there are 375 litres of load volume; enough for two large suitcases. The rear seats fold 60/40, and folding them down together creates a virtually flat storage area that boosts load capacity to 985 litres.

### STANDARD CENTRE CONSOLE

The front centre console is ergonomically designed to let the driver intuitively operate the gear lever and Drive Mode Select, while the audio and climate systems can be controlled from both front seats. The audio system features an AM/FM RDS tuner, CD player and has Bluetooth® connectivity for audio/mobile phone. A driver-only audio holder has been added to the audio jack, this enhances the usability of the audio. The AUX socket is upgraded to be compatible with VTR input.

### SPORTS STEERING WHEEL

Three-spoke leather steering wheel with ergonomic finger rests make the CT very precise to drive. Without taking your hands off the wheel, you can control the audio and telephone.

ENGINE AND DRIVETRAIN	CT 200h
Number of cylinders & arrangement	4 Cylinders, in-line type
Maximum power (kW @ r/min)	73 @ 5200
Maximum torque (Nm @ r/min)	142 @ 2800-4400
Total system output (kW)	100
Electric motor power (kW)	60 kW & 207 Nm
Valve mechanism	16-valve DOHC, with VVT-i
Bore x stroke (mm)	80.5 x 88.3
Displacement (cm <sup>3</sup> ) post script (3)*	1798
Compression ratio	13.0:1
Fuel system	Petrol hybrid
Transmission	CVT
Driven wheels	Front wheel drive
Suspension (front)	MacPherson Strut
Suspension (rear)	Double wishbone
Service intervals (km)	15 000
Emission control	EURO 5 OBD CUT
<b>EXTERIOR FEATURES</b>	
Body Colour	Two tone and monotone
Tyre & disc wheel	205/55R16 Alloy
Rear spoiler	.
Front & rear bumpers	Colour-coded
Headlights	Halogen
Headlamp levelling device	Manual
Light control system (follow me home)	.
Front fog lamps	.
Rear fog lamp	.
Rear combination lamps	LED
High-mounted brake light	LED
Side mirror	Retractable, colour coded power & heated
Door outside handles	Colour-coded
<b>INTERIOR FEATURES</b>	
Seat cover material	Smooth leather
Seat heater: driver & front passenger	.
Foldable rear seat 60:40	.
Front door pockets	.
Electronic Power Steering (EPS)	.
Leather steering wheel (3 spoke)	.
Steering column adjustments (manual/tilt & telescopic)	.
Steering switches: audio, voice, telephone, voice command info display	.
Cruise control	.
Air conditioner	Auto dual
Interior rear-view mirror	Day & night (manual)
Electric windows	.
Multi-information display	.
Digital audio holder	.
Audio system (Lexus Premium)	Lexus display audio
Speakers	10
Disc type	DVD player
Radio tuner	.

Bluetooth	.
Auxiliary input	.
USB	.
Shift lever & knob	Leather
Key reminder warning (buzzer)	.
Door ajar warning	.
Illuminated entry	.
Front personal lamp (map lamp & vanity mirror)	.
Glove box (with key/lamp)	.
Console box	.
<b>SAFETY AND SECURITY</b>	
Anti-lock Braking System (ABS)	.
Brake Assist (BA)	.
Electronic Brake-force Distribution (EBD)	.
Vehicle Stability Control (VSC)	.
Traction control (TRC)	.
Traction control switch	.
Hill Assist Control 3 (HAC3)	.
Reverse camra (display audio)	.
Driver airbags	.
Passenger airbags	.
Curtain airbags	.
Side airbags	.
Knee airbag	.
Airbag on-off switch	.
Occupant detection	.
Child restraint system (ISO-FIX)	.
Child lock (driver, passenger + rear)	.
Seat belt warning	.
Front brake (ventilated disc)	.
Rear brake (disk)	.
Auto door lock	.
Wireless door lock (remote)	.
Immobiliser	.
Anti-theft system (alarm)	.
<b>DIMENSIONS AND CAPACITY</b>	
Length (mm)	4350
Height (mm)	1455
Width (mm)	1765
Wheelbase (mm)	2600
Front tread (mm)	1525
Rear tread (mm)	1520
Luggage capacity (ℓ)	375
Fuel tank size (ℓ)	45
Turning circle (tyres, m)	5.2
Kerb weight (kg)	1410 - 1465
Gross vehicle mass	1845
Gross combination mass	1845
0 - 100 (Sec)	10.3
Top speed (km/h)	180
Fuel consumption (combined cycle) ℓ/100 km	4.1
CO <sub>2</sub>	95

**EXTERIOR**

WHITE QUARTZ .....085    SONIC TITANIUM .....117

AMBER CS .....4X2

WHITE QUARTZ .....2MP    SONIC TITANIUM .....2MN

MERCURY GREY .....2LL    MORELLO RED .....3R1

**INTERIOR**

BLACK

TOPAZ BROWN

INLAY STORM BLACK

**WHEELS**



16 inch, alloy wheels

## LEXUS DISTANCE PLANS

### INTRODUCTION

Welcome to the growing group of value-conscious people who drive Lexus. We are proud of the advanced engineering and quality construction of each vehicle we build.

The Lexus Distance Plans give you and all Lexus owners peace of mind and fixed costs motoring. The Lexus Distance Plans are fully supported and approved by Toyota SA Motors. The Lexus Distance Plans are designed to give you, the motorist, a value-added product that supports your needs by containing motoring costs. Lexus Distance Plans offer all customers access to service at any Lexus dealership in South Africa and Lexus dealerships in our neighbouring countries, i.e. Namibia, Lesotho, Swaziland and Botswana.

The Lexus Distance Plans cover all your normal operating condition services up to 4 years/100 000 km. All servicing must be carried out according to the specified service intervals stipulated in the vehicle's Book of Life to ensure that the Distance Plan and the vehicles warranty remains valid.

All Lexus owners have an option to upgrade the Lexus Distance Plans. Lexus offers our customers various options in terms of choice of cover, dependent on individual requirements.

Please feel free to contact your nearest Lexus dealer for the various options to upgrade your Distance Plan. We at Lexus appreciate and value your support and aim to make vehicle ownership a positive experience for all our customers. Please read on to familiarise yourself with the Lexus Distance Plan.

### INCEPTION DATE OF PLAN

The inception date of the Lexus Distance Plans will be the same as the vehicle's warranty inception date. The same will apply to all demonstration vehicles sold by a Lexus dealership.

### WHAT DOES THE LEXUS DISTANCE PLAN COVER?

Covered:

- All manufacturer specified services (normal schedule) up to 4 years/100 000 km whichever occurs first (\*1).

### WHAT DOES THE LEXUS DISTANCE PLAN PLUS COVER?

Covered:

- All manufacturer specified services (normal schedule) up to 4 years/ 100 000 km which occurs first (\*2).
- Front disc brake pads (limited to 5 sets)
- Rear disc brake pads (limited to 3 sets)

### WHAT DOES THE LEXUS DISTANCE PLAN COMPLETE COVER?

Covered:

- All manufacturer specified services (normal schedule) up to 4 years/ 100 000 km whichever comes first.
- Mechanical components – repaired or replaced due to normal wear and tear.

### WHAT IS NOT COVERED BY THE LEXUS DISTANCE PLANS?

Not Covered:

- Obtaining of fuel
- Engine top-up oil and other lubricants and service items required between routine servicing of the vehicle
- Tyres, wheel alignment and wheel balancing
- (\*1) Maintenance repairs of wearing items for Distance Plan (e.g. brakes, clutches, exhausts, batteries, etc.)
- (\*2) Maintenance repairs or wearing items for Distance Plan Plus (e.g. brake discs, brake callipers, clutches, exhausts, batteries, etc.)
- Non-Lexus approved additives
- Paint/body/trim repairs
- Accessories
- Unreasonable requests
- Alterations and modifications
- Driver abuse/negligence or unreasonable use including any form of competition

- Insurance-related claims and repairs
- Accident damage
- Rattles and squeaks
- Cleaning of fuel system
- Cracked or broken glass
- Expenses incurred at non-Lexus dealers
- Flood, riot, weather and fire damage
- Engine tuning
- Repairs or damage as a result of noncompliance to service requirements or warranty obligations
- Damage incurred through the vehicle having been driven with insufficient engine lubricants or coolant
- Any claims arising outside the borders of South Africa, Namibia, Lesotho, Swaziland or Botswana
- Items requiring replacement as a result of severe operating conditions will be for the customer's account. The severe operating schedule is not covered in any of the Distance Plans

NB: Consult your Lexus dealer for more information on your vehicle's warranty terms and conditions.

### MY LEXUS

#### AS A LEXUS OWNER, YOU CAN SIGN UP FOR A PERSONAL MY LEXUS PROFILE.

With your profile you can:

- Update your personal details
- Book a service
- Manage your communication and monitor your transactions

Register at [www.lexus.co.za](http://www.lexus.co.za)

### LEXUS LIFE

Our online magazine Lexus Life, celebrates innovative design, sustainable technologies and premium experiences around the globe. Download the app from Google Play or the App Store.

Keep up to date with all things Lexus here: [www.lexus.co.za/lexus-life](http://www.lexus.co.za/lexus-life)



## THE CT 200h

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For a detailed list of specifications please visit [www.lexus.co.za](http://www.lexus.co.za)

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