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CT 200h

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# PERFORMANCE

With Drive Mode Select, the CT 200h becomes the car you want it to be in any driving situation. The world's first luxury hybrid hatch possesses the power and agility needed for inspiring driving, as well as delivering outstanding fuel economy and environmental performance.

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#### Two Mood - Two Mode

The CT 200h is about the sheer pleasure of the drive, whatever mood you're in. Drive Mode Select lets you make the most of the superb performance capabilities of the CT 200h in all situations. Two Mood - Two Mode enables you to choose between the more relaxed modes of EV, ECO and NORMAL or the exhilarating SPORT mode. Press the EV switch to operate on electric power only, possible only on a full hybrid vehicle like the CT 200h. A turn of the Drive Mode Select dial to ECO mode, and the air conditioning and throttle response is adjusted for the best possible fuel economy. Throttle response increases further in NORMAL mode for smooth acceleration. When SPORT mode is chosen, you're in completely different territory. SPORT mode maximises the CT 200h's drivetrain performance and handling abilities and makes it more responsive as you steer and accelerate for an unforgettable driving experience.



# More control over performance

Drive Mode Select directly controls key system features of the CT 200h. Electric Power Steering that provides greater assistance at slower speeds for easy parking, for example, offers less assistance at higher speeds in SPORT mode for a more responsive feel. As well as the throttle being more responsive, in SPORT mode Vehicle Stability Control and Traction Control adjusts to be less intrusive, allowing the CT 200h to be more in tune with the driver's steering and acceleration.

# The power of Lexus Hybrid Drive

Without compromising on performance, the CT 200h delivers world class fuel economy and environmental performance. An advanced 1.8 litre, 4 cylinder Atkinson Cycle VVT-i petrol engine works seamlessly with a high-output electric motor. Lexus Hybrid Drive works intelligently to optimise the CT 200h's performance and maximise fuel efficiency every second you're behind the wheel, instinctively knowing when to use the engine, the motor, or both. Kinetic energy, the energy of motion, is converted to electrical energy and used to recharge the hybrid battery when slowing.



### New performance dampers

In a Lexus first, performance dampers are standard on the F Sport and Sports Luxury models. Found on a very limited number of performance cars, these performance body dampers are located in the front and rear of the CT 200h and have been carefully tuned to increase overall stability and suppress road vibration as well as body distortion when cornering.

#### Double wishbone rear suspension

The CT 200h has a trailing arm double wishbone rear suspension. The suspension has enhanced roll rigidity and unsprung weight is reduced with exclusively developed and lightened parts, resulting in excellent agility and ride comfort. The F Sport features unique suspension tuning for an even sportier performance, with adjustments made to the shock absorbers and coil spring rate on both the front and rear suspension.

## Perfect balance

The highly rigid yet light body design and ultra-competent chassis of the CT 200h has resulted in impressive driving dynamics. The vehicle's occupants lower its centre of gravity height, ensuring agile maneuverability. The hybrid battery is located above the rear wheel axis, balancing out the weight of the engine and optimising the CT 200h's front/rear weight distribution.

# Outstripping the competition

The goal of the CT 200h was to develop new technology while maximising the full potential of Lexus Hybrid Drive. By doing so, the vehicle reaches a world class level of fuel economy and surpasses the CO<sub>2</sub> emissions targets of competitors by over 25%. It also complies with Super Ultra Low Emission Vehicle (SULEV) criteria, the strictest regulation in the world. The CT 200h represents the best in guilt-free performance.

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