

LEXUS

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"The new Lexus LF-A Roadster marks a fundamental shift in supercar design. The positioning and sizing of major components have been redefined and condensed. By taking an entirely different approach to proportion and design, we have achieved the ultimate weight balance, so vital to high-speed handling and stability."

WAHEI HIRAI, GLOBAL MANAGING OFFICER OF LEXUS DESIGN



HOME OF THE F-MARQUE

The Lexus LF-A Roadster is the latest car to be unveiled by our high-performance F-Marque division. Developed at Fuji Speedway and the Higashi Fuji Technical Centre, our two-seat supercar concept combines technological sophistication, leading-edge engineering and unparalleled refinement. To recognise the special role of Fuji in the project, the new "F" logo design integrates some of the most demanding corners of the Mount Fuji track.

PERFORMANCE ART

The LF-A Roadster is the most compact, most powerful Lexus ever imagined. Low and lean, its 1.2 metre overall height cuts drag and maximises high-speed stability. Created using our radical L-finesse design philosophy, the car's front end features large air intakes for cooling brakes and a race-inspired nose section. And fitting for such a mould-breaking supercar, extensive use has been made of lightweight carbon fibre and aluminium alloys.





EXQUISITE CRAFTSMANSHIP

Beautifully designed, the LF-A Roadster's cockpit unites Lexus luxury with refined sports functionality. The central torque tube delivers both chassis and drivetrain rigidity, while minimising noise, vibration and harshness.

V10 SUPERCAR POWER

Powered by a high-revving aluminium alloy V10 engine delivering more than 500 DIN hp, the LF-A Roadster pushes the supercar elite to the limit. Large and powerful fade-free brakes, to the front 360 mm cross-drilled ventilated discs with six-piston callipers and 345 mm cross-drilled four-piston callipers to the rear, ensure impressive stopping power. For exceptional handling on the racetrack or public roads, specially developed high-performance tyres are fitted to 20" alloy wheels.



A close-up photograph of a Lexus steering wheel and instrument cluster. The steering wheel is black with a leather-like texture and features the silver Lexus 'L' logo in the center. On the right side of the wheel, there are two circular buttons with '+' and '-' symbols. On the left side, there are two buttons with a gear icon and a left-pointing arrow. The instrument cluster behind the wheel has a blue background with white and red markings. It includes a tachometer with a needle pointing to 0, labeled 'x1000 RPM' and '0.0 miles 308 miles'. To the right of the tachometer is a pressure gauge labeled 'x100kPa' with a scale from 0 to 320. The overall lighting is dramatic, highlighting the textures and details of the car's interior.

CENTRE OF ATTENTION

At racetrack speeds, driver concentration takes on a totally new meaning. On the LF-A Roadster all major controls have been condensed to create a beautifully driver-focused cockpit. Features include unique instrumentation, a leather-trimmed carbon fibre steering wheel, floor-hinged alloy sports pedals and lightening-fast gear shifts controlled by a F1-style paddle system.



RACECAR AERODYNAMICS

Before racetrack testing, the LF-A Roadster spent hundreds of hours in a wind-tunnel normally reserved for motorsport teams. Here our engineers focussed on developing an F1-inspired aerodynamic package capable of pressing the car onto the track. For more grip, particularly when cornering, a speed-sensitive rear wing rises automatically to generate even more downforce. To the rear a triple exhaust unit optimizes airflow, while taillights incorporate cooling grilles for the car's large rear-mounted radiators.



SPECIFICATIONS

POWERTRAIN

Engine: Sub-5.0-litre V10, front-mid placement
Horsepower: Over 500 DIN hp
Max. speed: Over 320 km/h

BODY & DYNAMICS

Aluminium and Carbon-fibre body
Speed-activated rear spoiler
Torque tube encased drive shaft

DIMENSIONS

Overall length: 4460 mm
Overall width: 1895 mm
Overall height: 1220 mm
Wheelbase: 2605 mm

TYRE SIZE

Front: 265/35 R20
Rear: 305/30 R20

