















# DOUBLE-JOINT MULTILINK SUSPENSION SYSTEM

An entirely new double-joint multilink suspension system was required to maintain the vehicle's low profile and available 21-inch wheels<sup>4</sup>— while delivering exceptional agility, accuracy and immediate steering response. A Lexus first, die-cast aluminum shock towers weigh almost half as much as steel and provide nearly double the rigidity. Forged aluminum upper and lower arms help reduce unsprung weight.

# SPEED-ACTIVATED REAR WING

An available speed-activated rear wing helps reduce lift and enhance the downforce balance for enhanced handling and control during high-speed driving. The wing extends at speeds above 50 mph and retracts at 25 mph.

## TORSEN® LIMITED-SLIP REAR DIFFERENTIAL

An available TORSEN® high-capacity torque-sensing limited-slip rear differential<sup>5</sup> efficiently distributes engine power to the rear axle, helping optimize traction, handling and control in a variety of conditions.

# ADAPTIVE VARIABLE SUSPENSION

Allowing the driver to harness the engine's power and communicate with the pavement like never before, an advanced Adaptive Variable Suspension (AVS) features dampers that are continuously variable through 650 levels—an increase of 641 from the previous Lexus system. AVS can stiffen for enhanced response based on the selected drive mode, and linear-solenoid monotube shocks not only reduce body lean and enhance control when cornering but also offer improved ride quality.

## **ACTIVE REAR STEERING**

Engineered for high-performance driving, available Active Rear Steering can adjust the steering angle of the rear wheels by up to two degrees based on vehicle speed, yaw rate and lateral Gs. At high speeds, it turns the rear wheels in the same direction as the front to help enhance agility and control. At low speeds, the rear wheels turn in the opposite direction for precise maneuvering and an even tighter turning circle.

# VARIABLE GEAR-RATIO STEERING

Available Variable Gear-Ratio Steering (VGRS) automatically adjusts the front-wheel steering angle and response. At low speeds, VGRS reduces the number of turns, lock to lock, for easier maneuvering. At high speeds, the steering gear ratio is optimized for increased high-speed responsiveness and control. When combined with Active Rear Steering, VGRS enhances response, rear grip and overall agility when cornering.

# EXPERIENCE THE MOST RIGID LEXUS CHASSIS YET AND THE FUTURE OF LEXUS HIGH PERFORMANCE

Decades of *takumi* craftsmanship. Relentless engineering. An in-house carbon fiber loom first developed for the ultra-light LFA supercar. It all comes together to deliver a high-performance, high-strength coupe with exceptional torsional rigidity. A body that's as aerodynamic as it is alluring begins with the available carbon fiber roof developed to lower the vehicle's center of gravity. Lightweight carbon fiber-reinforced sheet molding compound allows the complex shape of the inner doors to be molded as a single piece, and the outer doors are engineered with 6000-series aluminum that's 47% lighter than its steel counterpart. Every material is evaluated by weight, strength, mass and optimal placement in service of one goal—the driver's connection to the road.

- A PROPRIETARY LIGHTWEIGHT CARBON FIBER TECHNOLOGY
- **B** ALUMINUM FOR REDUCED WEIGHT
- **C** ULTRA-HIGH-STRENGTH TENSILE STEEL
- D HIGH-TENSILE STEEL BRACKETS AND STRAIGHT-BAR BRACING FOR HIGH RIGIDITY





# BEHIND THE ENGINEERING

When Multistage Hybrid technology meets a 3.5-liter V6, the result is the visceral feel of a high-performance coupe and power off the line that rivals the V8 competition.

The LC 500h is built on an advanced Lexus Multistage Hybrid powertrain—a 3.5-liter, 24-valve Atkinson-cycle V6, powerful yet compact dual electric motors and

a lightweight lithium-ion battery. This powertrain is then merged with an automatic transmission in series with an Electronically controlled Continuously Variable Transmission. These Lexus-first innovations come together to create the direct, instinctive feel of a 10-speed transmission and a new expression of hybrid performance.

Compact, lightweight and high-output lithium-ion battery

Electric motors generate exceptional linear acceleration and instant torque by synchronizing hybrid system output with throttle inputs

An entirely new hybrid technology, Manual mode allows drivers to select and hold gears using the magnesium paddle shifters

An Electronically controlled Continuously Variable Transmission combines with an automatic for the responsiveness of a 10-speed transmission

An F1 technology, a Vortex Generator in the intake duct creates small vortices in the airflow to reduce pressure loss and boost engine output







#### DISTINCTIVE DOOR PANELS

Alcantara<sup>®</sup>-trimmed door panels with deep, undulating lines create a distinctive cabin. Ambient lighting casts a subtle shadow over the curving pattern, and the rich materials give way to a marbled carbon fiber detailing that's revealed as the doors open.

#### LEATHER-TRIMMED SHIFT KNOB

No detail was spared in creating a seamless, direct driving experience. The leather-trimmed shift knob is crafted with four strips of high-quality leather that are hand-sewn with an exacting technique to conceal the thread for a smooth, even texture. Most shift knobs take a matter of minutes to assemble. This is the result of one hour of pure craftsmanship.



# A FEAT OF CRAFTSMANSHIP

## ELLIPTICAL STEERING-WHEEL DESIGN

The painstakingly crafted steering wheel is the result of countless hours of testing and track development with Lexus takumi masters. An ideal profile was achieved by measuring the distribution of palm pressure during circuit driving, then exhaustively manipulating the cross section for the perfect grip at various points along the wheel. The resulting elliptical shape provides optimal grip when cornering with high G-forces and allows for direct feedback from the suspension. Even the stitching of the leather surface was calibrated for enhanced grip and reduced fatigue.



#### AMBIENT LIGHTING

Ambient illumination accentuates the bold lines and design details throughout the cabin, including soft lighting in the upper sweep of the door trim. LED illumination at the base of the instrument panel by the passenger's seat casts the intricate L-shaped motif in subtle relief for an added sense of depth.

#### LEXUS CLIMATE CONCIERGE

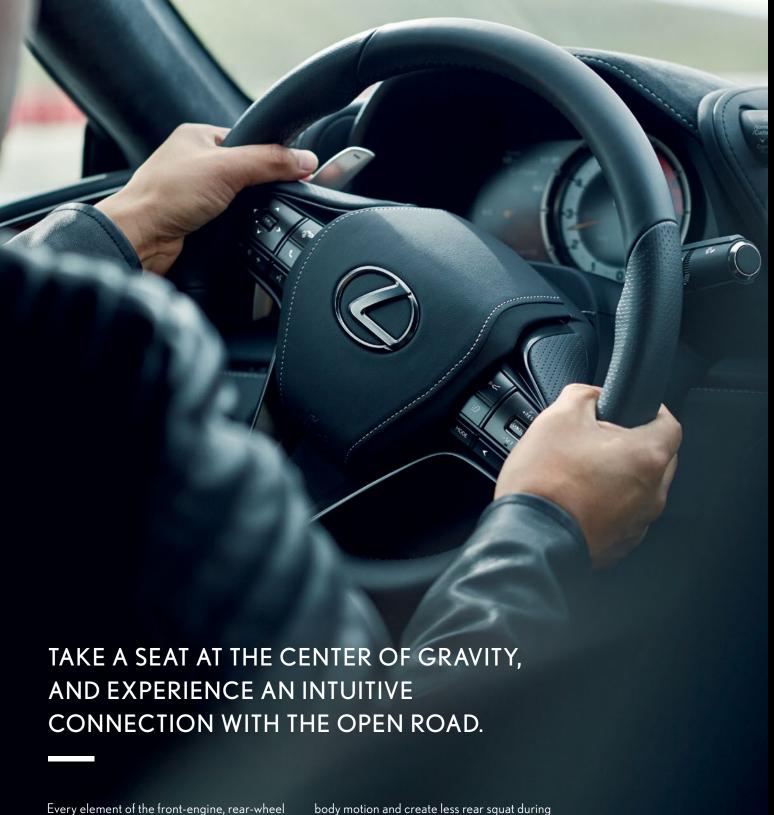
Lexus Climate Concierge integrates climate controls with the heated and ventilated seating and is easily controlled by a single switch on the new Lexus Climate Concierge monitor. The system also pairs with the available leather-trimmed heated steering wheel to offer a warm surface for the entire diameter of the steering wheel, regardless of the placement of the driver's hands.



LEX-LC5-CY16-0013.02.tif







Every element of the front-engine, rear-wheel drive platform was built to elevate the driver's connection to the road. That's why the alignment of the driver's hip point with the vehicle's center of gravity is superior in its class. An ultra-low center of gravity helps to reduce unwanted

body motion and create less rear squat during acceleration, less nosediving during braking and less body lean during turns. Reducing rotational inertia by centralizing mass in the vehicle also helps to reduce the resistance to turn, enhancing responsiveness and maneuverability.



#### PREMIUM TRIPLE-BEAM LED HEADLAMPS

The triple-projector ultra-compact LED headlamps are more than striking. They're the thinnest LED projector headlamps in the industry. Half the size of a conventional lamp, the polaric ellipsoid system combines with the daytime running lights and LED cornering lamps to create an unmistakable Lexus signature.



# DIMENSIONAL REAR COMBINATION TAILLAMPS

One of the most stunning features of any Lexus vehicle to date, the dimensional taillamps were inspired by the dramatic glow of a jet's afterburners. Through the adoption of the infinity mirror principle, an endless, dimensional motif is illuminated when lamps are on, and a sleek gray look appears when off. Eighty LEDs on either side create an even illumination with impressive depth and no visible grain.

## **AVANT-GARDE DETAILS**



### 21-INCH FORGED ALLOY WHEELS

Available 21-inch forged alloy wheels<sup>4</sup> offer a lightweight design, black-and-chrome coating and a polished finish.

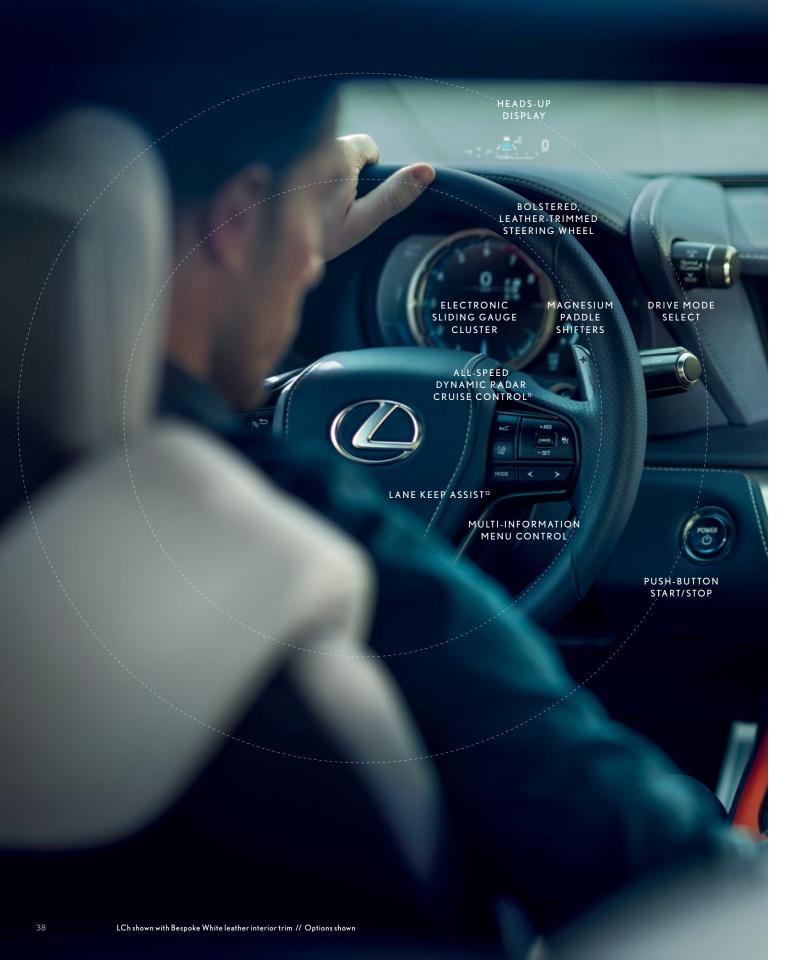


#### FLUSH EXTERIOR DOOR HANDLES

A flush-surface door handle with illumination enhances aerodynamics and creates a sophisticated first impression. When the handle is extended outward, inset LEDs illuminate the door. As the doors close, or after 15 seconds, the lighting fades.







#### DRIVE MODE SELECT

Inspired by the LFA supercar, controls are positioned on the outer instrument panel for seamless operation and our most engaging Drive Mode Select yet. Sport S mode alters the powertrain for a more dynamic throttle response. Sport S+ mode modifies the next-generation Adaptive Variable Suspension (AVS) to help provide a higher level of responsiveness. Comfort

mode adjusts the AVS to reduce the feel of uneven road surfaces and balances throttle response and fuel efficiency. ECO mode moderates multiple settings for increased fuel efficiency. And, for the first time, a Custom mode enables you to create a unique profile of a combination of drive mode settings for a more personalized driving experience.

# WE STUDIED THE PLACEMENT OF EVERY ELEMENT SO ALL YOU SEE IS THE ROAD

#### COLOR HEADS-UP DISPLAY

Designed to help minimize driver distraction, the available full-color Heads-Up Display projects a range of essential navigation, safety and performance info directly onto the windshield, including audio, speed, current gear, rpm and more.

#### REMOTE TOUCHPAD

More than a convenient way to access multimedia, climate controls and Navigation,<sup>13</sup> the next-generation Remote Touchpad<sup>14</sup> mimics smartphone operations with ample touch surface area, pulsation feedback, intuitive pinch, swipe and flick gestures—even integrating handwritten input. New functionality also allows drivers to quickly access sub-menus when on screens with multiple options.

#### DIGITAL PERFORMANCE GAUGES

Inspired by the digital instrumentation developed for the LFA, the 8.0-inch digital adaptive meter with a moveable interface displays vital performance information, including engine and road speed. The sliding meter is intuitively operated by steering-wheel-mounted controls and changes with the selected drive mode.

#### MAGNESIUM PADDLE SHIFTERS

Every detail of the steering wheel is crafted to help improve the feel, enhance grip and reduce driver fatigue. Large magnesium paddle shifters with a meticulously engineered "click" feedback and outboard placement contribute to an intuitive, track-inspired driving experience.

## MARK LEVINSON REFERENCE SURROUND SOUND AUDIO SYSTEM

TECHNOLOGY

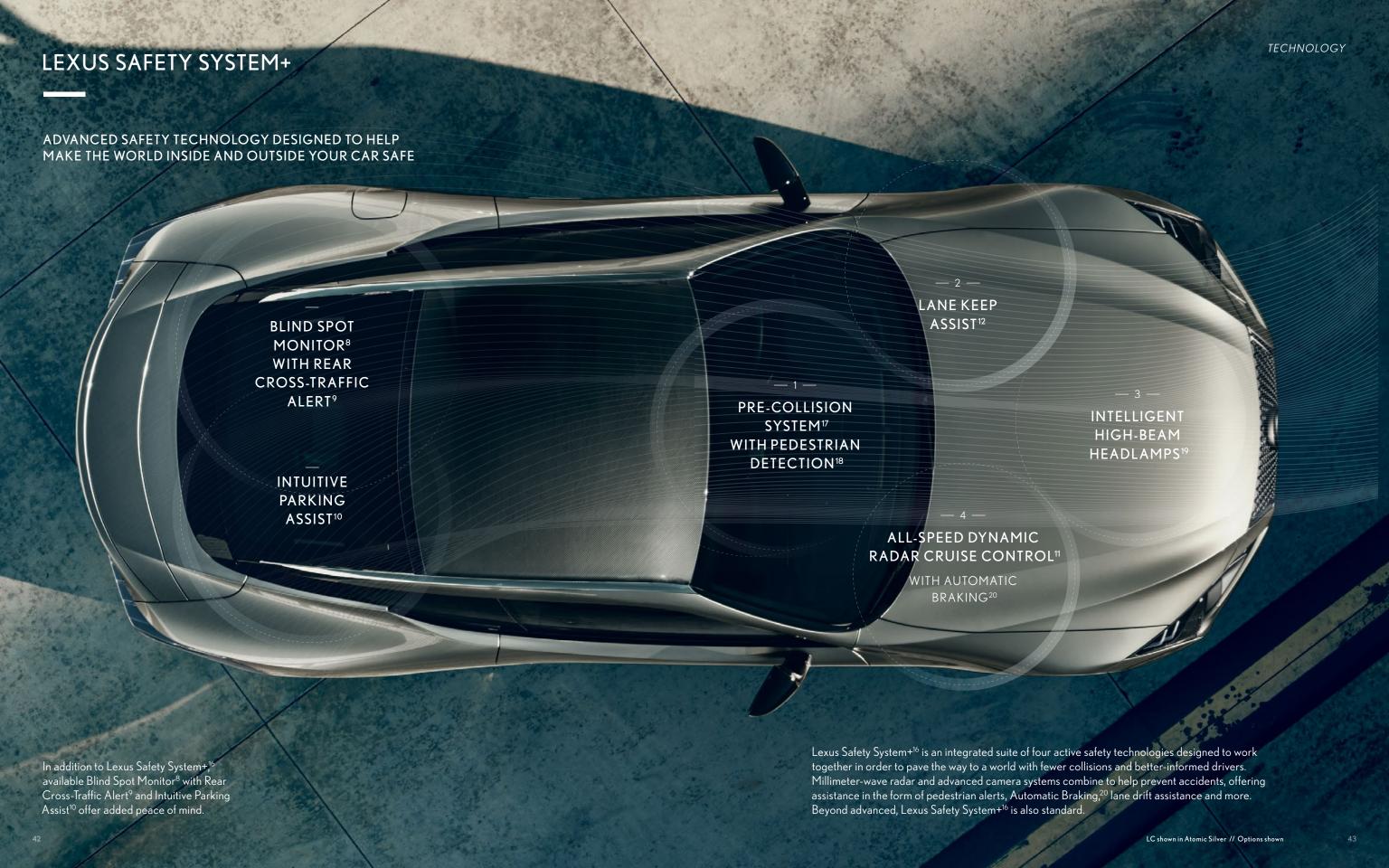
While most audio systems are adapted to and installed in a vehicle after it's produced, Mark Levinson technicians work alongside Lexus engineers from the onset of the development process. That's why the LC features a dynamic sound stage uniquely fitted to the cabin. Levinson's exclusive image processing leverages perfectly timbre-matched transducers to deliver the most consistent and accurate tonal responses at every location in the LC. Sound this rich even allows listeners to experience the arrangement of individual instruments and performers, which more accurately expresses the artist's original intent. The available 13-speaker, 915-watt Mark Levinson Reference Surround Sound Audio System ensures that the performances inside the LC are as pure as the vehicle itself.

## 10.3-INCH SPLIT-SCREEN MULTIMEDIA DISPLAY

The 10.3-inch high-resolution splitscreen multimedia display provides immediate, simultaneous access to audio or climate controls and various systems, including the next-generation voice-activated Navigation System.<sup>13</sup>

#### **LEXUS ENFORM**

Our premium suite of connected technology merges convenience with concierge-level attention. From emergency assistance to a nextgeneration App Suite 2.0<sup>15</sup> to a live destination specialist and more, Lexus Enform<sup>15</sup> offers added service, security and entertainment with every drive.







**RWD** 

LC 500h

EST. MPG<sup>2</sup>

STANDARD

# 10-SPEED

ELECTRONICALLY CONTROLLED DIRECT-SHIFT AUTOMATIC TRANSMISSION

# **MULTISTAGE**

ELECTRONICALLY
CONTROLLED CONTINUOUSLY VARIABLE TRANSMISSION PAIRED WITH AUTOMATIC TRANSMISSION



OVERALL LENGTH 187.4 IN / WHEELBASE 113.0 IN WIDTH 75.6 IN / HEIGHT 53.0 IN

**DIMENSIONS** 

## STANDARD ON EVERY LC

Adaptive Variable Suspension (AVS)

Drive Mode Select with Sport S+ mode

20-in cast alloy wheels<sup>4</sup>

Active Sport Exhaust (LC 500)

Magnesium paddle shifters

LFA-inspired instrumentation including G-meter

Flush outside door handles

Triple-projector ultra-compact LED headlamps

LED taillamps and turn signals

Glass roof with sunshade

Lexus Safety System+16 (Pre-Collision System, 17 All-Speed Dynamic Radar Cruise Control, Lane Keep Assist, intelligent high-beam headlamps<sup>19</sup>)

Vehicle Dynamics Integrated Management (VDIM)<sup>22</sup>

Eight airbags<sup>23</sup>

Backup camera<sup>24</sup>

Lexus Navigation System<sup>13</sup> with 10.3-in color LCD multimedia display

Remote Touchpad<sup>14</sup>

Complimentary Lexus Enform App Suite 2.0<sup>15</sup>

Lexus 12-speaker Premium Audio System

Voice command

Bluetooth®25 and USB smartphone connectivity

Dual-zone climate control with Climate Concierge

Heated and ventilated power-adjustable front seats

Rain-sensing wipers

SmartAccess<sup>26,27</sup> with push-button Start/Stop

Electrochromic (auto-dimming) inside and outside mirrors

Lexus Enform Safety Connect<sup>28</sup> and Service Connect.<sup>29</sup> Complimentary for the first 10 years of ownership

Lexus Enform Remote app<sup>30</sup> and Lexus Enform Destination Assist.<sup>15</sup> Complimentary for the first year of ownership

Complimentary maintenance services (please refer to the *LC Warranty and Services Guide* for details)

LC shown in Ultra White // Options shown



### **PACKAGES**

#### **CONVENIENCE PACKAGE**

Intuitive Parking Assist<sup>10</sup>

Blind Spot Monitor<sup>8</sup> with Rear Cross-Traffic Alert<sup>9</sup>

#### **ALL-WEATHER PACKAGE**

Heated leather-trimmed steering wheel

Windshield wiper de-icer

Electronic heater (LC 500h)

#### **TOURING PACKAGE**

Includes Convenience Package, plus:

Semi-aniline leather-trimmed front seats

Alcantara headliner

A Mark Levinson 13-speaker, 915-watt Reference Surround Sound Audio System

#### **SPORT PACKAGE**

Includes Convenience Package, plus:

Eight-way power front sport seats with Alcantara inserts

B Carbon fiber roof or glass roof

#### PERFORMANCE PACKAGE (LC 500)

Includes Sport Package (with carbon fiber roof), plus:

Active Rear Steering

Variable Gear-Ratio Steering

Active rear wing

Alcantara headliner

Carbon fiber door scuff plates

## INDIVIDUAL OPTIONS

 $TORSEN^{\circledR}\ limited-slip\ rear\ differential^{5}$ 

Heads-Up Display

Mark Levinson 13-speaker, 915-watt Reference Surround Sound Audio System

## **ACCESSORIES**

C Carbon fiber rear spoiler

Carbon fiber lower grille insert

All-weather trunk tray

Cargo net

Carpet trunk mat

D All-weather floor liners<sup>31</sup>

For a complete list of Genuine Lexus Accessories, visit lexus.com/LC/accessories



## WHEELS

20-in

Staggered-width split-10-spoke cast alloy wheels<sup>4</sup> with Dark Silver and machined finish



20-in

Staggered-width 10-spoke forged alloy wheels<sup>4</sup> with polished finish



21-in

Staggered-width splitfive-spoke forged alloy wheels<sup>4</sup> with polished finish and Gloss Black accents







# COLOR, MATERIAL & FINISH



•

•

		CAVIAR ATOMIC SILVER ATOMIC SILVER ANTIMINE ULTRA WHITE  NIGHTRALL MICA	
•• •• •• •• •• •• •• •• •• •• ••	TA TA TA TA TA TA TA TA		
	•A •A •A •A •A •A	<b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A	
	0A	<b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A	
	0A	<b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A	
•A •A •A •A •A	0A	<b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A	
	0A	<b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A	
	0A	<b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A <b>O</b> A	

INTERIOR

RIOJA RED LEATHER

BESPOKE WHITE LEATHER

LC ● LCh ▲

EXTERIOR

Additional charge \*

WARRANTY Four-year/50,000-mile Lexus Limited Warranty. Six-year/70,000-mile Powertrain Warranty. Six-year/unlimited-mileage Corrosion Perforation Warranty. Eight-year/100,000-mile Hybrid System Warranty. All warranties with zero deductible. See the LC Warranty and Services Guide at your Lexus dealer for details.

DISCLOSURES 1. Raings achieved using the required premium unleaded gasoline with an octave rating of 19 for higher. If premium fuel is not used, performance will decrease. 2. Performance figures are for comparison only and were obtained with prototype vehicles by professional drivers using special safety equipment and procedures. Do not alternpt 3. Shift time duration from second to third gear in the protocol of the protocol o

Lexus strives to build vehicles to match customer interest, and thus they typically are built with popular options and option packages. Not all options/packages are available separately, and some may not be available in all regions of the country. See lexus.com for information about options/packages commonly available in your area. If you would prefer a vehicle without any or with different options, contact your dealer to check for current availability or the possibility of placing a special order. Specifications, features, equipment, technical data, performance figures, options, and color and trim are based upon information available at time of printing, are subject to change without notice, and are for mainland U.S.A. vehicles only. Some vehicles shown with available equipment. See your Lexus dealer for details. Lexus reminds you to wear seatbelts, secure children in rear seat, obey all traffic laws and drive responsibly. For more information, call 800-USA-LEXUS (872-5398) or visit lexus.com. To learn more about your financing options, contact your Lexus dealer or call Lexus Financial Services at 800-874-7050.

LC 500

471
50
LITER
V8
ENGINE

LC 500h

354

35

LITER

V6

ATKINSON-CYCLE ENGINE





+ LEXUS MULTISTAGE HYBRID DRIVE