



2018 LC 500h Product Information

EXTERIOR DIMENSIONS	
Wheelbase	2,870 mm / 113.0 in
Overall Length	4,760 mm / 187.4 in
Overall Width	1,920 mm / 75.6 in (without mirror)
Overall Height (unloaded)	1,345 mm / 53.0 in
Tread Width - Front	1,630 mm / 64.2 in
- Rear	1,635 mm / 64.4 in
Ground Clearance (unloaded)	140 mm / 5.5 in

INTERIOR DIMENSIONS	
Seating Capacity	4
Headroom - Front	943.8 mm / 37.2 in 933.4 mm / 36.8 in (with CFRP roof)
- Rear	818.2 mm / 32.5 in
Legroom - Front	1066.9 mm / 42.0 in
- Rear	812.9 mm / 32.0 in
Shoulder Room - Front	1438.7 mm / 56.5 in
- Rear	1245.2 mm / 48.9 in
Hip Room - Front	1377.4 mm / 54.1 in
- Rear	1112.4 mm / 43.7 in
Passenger Volume	2.43 m ³ / 85.9 cu.ft. 2.41 m ³ / 85.2 cu.ft. / (with CFRP roof)
Cargo Volume	0.13 m ³ / 4.7 cu.ft.

WEIGHTS AND CAPACITIES	
Curb Weight	4,435 lb
GVWR	2,465 kg / 5,430 lb
Weight Distribution (front/rear)	52/48
Fuel Capacity	84 L / 22.2 US Gal.



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HYBRID POWER SYSTEM	
Type	Series/parallel system with gas engine and electric motors
Total System Power	264 kW / 354 HP
ENGINE	
Type	V6, aluminum block and cylinder heads
Designation	8GR-FXS
Valvetrain	DOHC 24 Valve Intake: VVT-iW(variable valve timing with intelligence Wide) Exhaust: VVT-i(variable valve timing with intelligence)
Displacement	3.5 liters / 3,456 cc / 210.9 cu. in.
Bore x Stroke	94.0 x 83.0 mm / 3.70 x 3.27 in
Compression Ratio	13.0 : 1
Horsepower (SAE)	220 kW / 295 HP @ 6,600 rpm
Torque	348 Nm / 256.7 lb.-ft. @ 4,900 rpm
Fuel System	EFI (Electrical Fuel Injection), D-4S (Direct injection 4-stroke gasoline engine Superior)
Fuel Requirement	95 RON / 91 AKI or higher
Emission Certification	LEV III-SULEV30
ELECTRIC MOTORS	
Motor Generator 1 (MG1) Function	Primary generator, engine starter, controls engine speed
Type	Permanent magnet synchronous motor
Cooling system	Water-cooled
Motor Generator 2 (MG2) Function	Drives rear wheels; regenerative braking
Type	Permanent magnet synchronous motor
Cooling system	Water-cooled
HYBRID BATTERY PACK	
Type	Lithium-ion
Cell Quantity	84 cells
Nominal Voltage	310.8 V
System Voltage	650 V



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DRIVETRAIN		
Layout		Front engine, rear-wheel drive
Transmission Type		Multi Stage Hybrid Transmission
Designation		L310
Gear Ratios	1 st	3.538
	2 nd	1.888
	3 rd	1.000
	4 th	0.650
	Rev.	-
	Differential Gear Ratio	3.357

CHASSIS AND BODY		
Body/Frame		Unitized steel body/frame structure
Suspension	- Front	Multi-link
	- Rear	Multi-link
Steering	- Type	Electric Power Steering (EPS): Vehicle speed-sensing rack and pinion with electric power assist
	- Turns, Lock to Lock	2.6
	- Turning Circle (curb to curb)	5.4 m / 17.7 ft 5.3 m / 17.4 ft (with Active Rear Steering)
Brakes	- Type	Anti-lock Braking System (ABS); Electronic Brake force Distribution (EBD); Brake Assist (BA)
	- Front	15.7 in ventilated rotors with six-piston opposed aluminum calipers, high-friction brake pads
	- Rear	14.1 in ventilated rotors with four-piston opposed aluminum calipers, high-friction brake pads
Wheel Size/Type		1. 20 in. (cast aluminum - standard) 2. 20 in (forged aluminum - available) 3. 21 in. (forged aluminum - available)
Tire Size/Type		1. Fr: 245/45RF20, Rr: 275/40RF20 2. Fr: 245/45RF20, Rr: 275/40RF20 3. Fr: 245/40RF21, Rr: 275/35RF21
Tire Brand(s)		Bridgestone, Dunlop, Michelin



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PERFORMANCE	
0-60 mph Acceleration (mfr. results)	4.7 sec
Top Track Speed (mfr. Results – electronically limited)	250 km/h / 155 mph
Manufacturer-Estimated Fuel Economy* (city/highway/combined mpg)	26/35/30
Coefficient of Drag (Cd)	0.33



STANDARD EXTERIOR FEATURES

Overall Exterior Styling/Body Design

- 20-inch wheels
- Electrochromic outside rearview mirrors with memory
- Puddle lamps
- Arrowhead LED DRLs with ultra-compact triple projector LED headlamps
- LED front, rear and side turn signal lamps
- LED cornering lamps
- LED tail lamps with 3D graphics
- Flush-type door handles with illumination when popped out
- Hybrid blue “L” and “500h” badging

Body Structure and Paint

- Exterior colors: Smokey Granite Mica, Infrared, Ultra White, Atomic Silver, Liquid Platinum, Caviar, Autumn Shimmer, Nightfall Mica
- Rust-resistant steel used on main body parts
- Use of sound dampening asphalt sheets reduce NVH

Convenience Features

- Direct spray windshield wipers
- Heated electrochromic auto-dimming outside rearview mirrors

STANDARD INTERIOR FEATURES

Interior Trim

- Black, Rioja Red, Toasted Caramel, Bespoke White interior
- Newly designed small diameter 3-spoke steering wheel
- Drape-like surface design and ambient illumination on door panels
- Satin metallic finish throughout
- Shift knob combines leather and a satin chrome-plated bezel
- Aluminum accelerator pedal, brake pedal and footrest with anodized aluminum surface finish
- LED illuminated L-shaped pattern ornamentation on passenger side of the instrument panel

Seats

- 10-way power driver front seats, including two-way power lumbar support and memory for driver
- Leather front and NuLuxe rear seats

Instrumentation and Controls

- 8-inch LCD TFT multi-information display with Eco Driving Indicator
- Drive Mode Select knob located near multi-information display
- Steering wheel offers integrated cruise control buttons and paddle shifters



STANDARD INTERIOR FEATURES – CONT.

- Aluminum scuff plates
- Covered center console storage box with covered cup holder, two USB ports and a 12V socket
- Cruise control
- LED door courtesy lights, glove box light and trunk light
- Deodorizing and dust/pollen-removing interior air filter
- Front and rear dome light and individual LED map lights integrated into headliner
- HomeLink® programmable garage door opener
- Lexus Enform Remote - Allows customers to remotely view and control certain aspects of their Lexus vehicle via a mobile application for iOS and Android smartphone users. Lexus Enform Remote application is separate from Lexus Enform App Suite application (not on head unit). Requires Lexus Enform Safety Connect and Lexus Enform Remote subscriptions. Customers must register for service.
 - Ability to use with multiple Lexus vehicles
 - Engine/HVAC start/stop
 - Guest Driver Monitor
 - Remote Door Lock/Unlock
 - Vehicle Finder
 - Vehicle Status Report
- Power door locks with anti-lock out
- Power tilt and telescoping adjustable steering wheel
- Power windows with one-touch up/down and jam protection
- SmartAccess keyless entry with push-button start

STANDARD AUDIO SYSTEM

Lexus Premium Audio

- 12 speakers
- Digital signal processing with Automatic Sound Levelizer (ASL)
- HD™ Radio (complimentary traffic and weather)
- Integrated SiriusXM® Satellite Radio receiver (complimentary 90-day trial subscription included)

MULTIMEDIA

- Menu pop-up shortcuts on bottom of screen to allow quick access to Audio, Navigation, Phone, etc.
- Navigation
 - Color 10.3 inch TFT multi-information display
 - New Remote Touch Interface (RTI) pad that allows tapping and flicking
 - Back-up camera with dynamic grid lines
 - Lexus Enform App Suite 2.0, with new native and available third-party apps (subscription free)
 - Lexus Enform Destination Assist, which includes Destination Search, Concierge Services and Destination Download (one-year trial subscription included, requires Lexus Enform Safety Connect)
- Cache Radio; ability to pause SiriusXM Radio



STANDARD SAFETY AND SECURITY

Safety

- Direct Tire Pressure Monitoring System
- Driver and front passenger knee airbags Supplemental Restraint System (SRS)
- Dual-stage driver's and dual-stage and dual-chamber front passenger's airbag SRS
- Full length side curtain airbags SRS
- Front seat side airbag SRS
- Door side impact beams
- Front and rear energy-managing crumple zones
- Four-wheel power-assisted disc brakes with Anti-lock Braking System (ABS) and Electronic Brake force Distribution (EBD) and Brake Assist (BA)
- Lexus Safety System+
 - Pre-Collision System with Pedestrian Detection
 - All-Speed Dynamic Radar Cruise Control
 - Intelligent High Beam (IHB)
 - Lane Keep Assist/Lane Departure Alert with Steering Assist
- Three-point belts for all seating positions, front and rear with force-limiting pretensioners
- Traction Control (TRAC)
- Vehicle Stability Control (VSC)
- Vehicle Dynamics Integrated Management (VDIM) integrates VSC, TRAC, ABS, electric power steering (EPS), and, when equipped, Variable Gear Ratio Steering (VGRS) and Active Rear Steering
- Pop-up Hood

Security

- Automatic Locking Retractor (ALR) and Emergency Locking Retractor (ELR) function for all positions except driver (driver's only equipped with ELR)
- Entry system with lock, two-stage unlock, trunk open and "panic" features, volume-adjustable confirmation tone and rolling code technology
- Lexus Enform Service Connect and Safety Connect® with Automatic Collision Notification, Stolen Vehicle Location, Emergency Assist Button, and Enhanced Roadside Assistance
- Vehicle theft-deterrent system



FACTORY OPTIONS

- Cold Area Package
 - Heated steering wheel (with adjustable temperature settings and warmth for driver's hands regardless of grip position), windshield de-icer
- 20-inch forged wheels
- 21-inch forged wheels
- Color Heads-Up Display
- Limited Slip Differential (LSD)
- Touring Package
 - 20-inch forged wheels, semi-aniline seats, heated and ventilated front seats, 2-way passenger seat lumbar, Mark Levinson audio system, Blind Spot Monitoring (BSM) and Intuitive Park Assist (IPA)
- Sport Package
 - 20-inch forged wheels, Alcantara Sport seats to provide greater driver support and grip during dynamic driving, heated and ventilated front seats, 2-way passenger seat lumbar, Lexus Premium Audio, LSD, BSM and IPA
- Sport Package w/Carbon Fiber Roof
 - Carbon Fiber Reinforced Plastic composite roof, 21-inch forged wheels, Alcantara Sport seats, heated and ventilated front seats, 2-way passenger seat lumbar, LSD, BSM and IPA. Mark Levinson audio system, HUD and Cold Area Package options are also available
- Performance Package
 - Includes Sport Package with Carbon features plus Active Rear Steering, Variable Gear Ratio System (VGRS), Active Rear Spoiler, Alcantara headliner, and Carbon Fiber scuff plates
- Mark Levinson®
 - Mark Levinson® Premium Surround Sound system (AM/FM tuner, in-dash 6-DVD/CD changer, 13-speakers, advanced discrete amplifier design with 835 watts max. power at less than 0.1% THD from 20 to 20,000 Hz, 7.1-channel speaker architecture)