



2020 LC 500h Specifications

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		140 mm / 5.5 in
INTERIOR DIMENSIONS		
Seating Capacity		4
Headroom	Front	943.8 mm / 37.2 in (with glass roof) 933.4 mm / 36.8 in (with CFRP roof)
	Rear	818.2 mm / 32.2 in
Legroom	Front	1066.9 mm / 42.0 in
	Rear	812.9 mm / 32.5 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 / 85.9 cu. ft.
		2.41 m / 85.2 cu. ft. (with CFRP roof)
Cargo Volume		0.13 m / 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.
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 - (variable valve timing with intelligence)
Displacement		3.5 liters / 3,456 cc / 210.9 cu. in



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Bore x Stroke	94.0 X 83.0 mm / 3.70 X 3.27in	
Compression Ratio	13.0 : 1	
Horsepower	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 started, controls Engine speed	
Type	Permanent magnet synchronous motor	
Cooling system	Water-cooled	
Motor Generator 2	Drives rear wheels, regenerative braking	
Type	Permanent magnet synchronous motor	
HYBRID BATTERY PACK		
Type	Lithium-ion	
Cell Quantity	84 cells	
Nominal Voltage	310.8 V	
System Voltage	650 V	
DRIVETRAIN		
Layout	Front engine, rear-wheel drive	
Transmission Type	Multistage 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	Double-Joint Multilink
	Rear	Multilink
Steering	Type	Electric Power Steering (EPS): Vehicle speed-sensing rack and pinion with electric power assist
	Turn (Lock to Lock)	2.6



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	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		20 in (cast aluminum - standard) 20 in (forged aluminum - available) 21 in (forged aluminum - available)
Tire Size/Type		Fr: 245/45RF20, Rr: 275/40RF20 Fr: 245/45RF20, Rr: 275/40RF20 Fr: 245/40RF21, Rr: 275/35RF21
Tire Brands		Michelin, Bridgestone, Dunlop
PERFORMANCE		
0-60 mph Acceleration (mfg. results)		4.7 sec.
Top Track Speed (mfg. estimate - electronically limited)		155 mph/250 km/h
Estimated Fuel Economy* (City/Hwy/Combined mpg)		27/35/30
Coefficient of Drag (Cd)		0.33

* Actual mileage will vary.

Standard Exterior Features

- 20-inch wheels
- Electrochromic outside rearview mirrors with memory
- Puddle lamps
- Arrowhead LED DRLs with ultra-compact triple projector LED headlamps
- Flush-type door handles with illumination when open
- Hybrid blue “L” and “500h” badging
- Heated electrochromic auto-dimming outside rearview mirrors
- Exterior colors: Smoky Granite Mica, Infrared, Ultra White, Atomic Silver, Liquid Platinum, Caviar, Autumn Shimmer, Nightfall Mica and Obsidian

Standard Interior Features

- Small diameter 3-spoke steering wheel
- Drape-like surface design and ambient illumination on door panels
- Satin metallic finish throughout
- 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
- 10-way power driver front seats, including two-way power lumbar support and memory for driver
- 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 magnesium paddle shifters
- Aluminum scuff plates
- Two USB ports and a 12V socket
- LED door courtesy lights, glove box light and trunk light
- Deodorizing and dust/pollen-removing interior air filter
- Power tilt and telescoping adjustable steering wheel
- Siri® Eyes Free
- SmartAccess keyless entry with push-button start
- Black, Rioja Red, Toasted Caramel, Bespoke White interior

Standard Audio System

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

Multimedia and Connected Services

- Navigation system with 10.3-inch high-resolution split-screen
- Lexus Enform Remote (one-year trial subscription included) lets you lock and unlock doors, start the engine and climate controls, check the fuel level, and more all through your smartphone, smartwatch or using the Lexus skill for Amazon Alexa-enabled devices at home.
- Apple CarPlay compatibility to access the familiar interface from their iPhone through the vehicle's multimedia display. Simply connect an iPhone to get directions, make calls, send and receive message via Siri®, and get access to favorite apps like Spotify™, Audible and Apple podcasts
- Amazon Alexa integration for the same access to information and the thousands of skills available with Alexa at home. Listen to audiobooks, play favorite music, make lists, check the weather, get news briefings, and much more. Users can also control compatible smart-home devices such as lighting, thermostat and security systems. Offering added in-vehicle convenience, Alexa even syncs to the Navigation System to provide on-the-go recommendations.
- Lexus Enform Safety Connect (complimentary 10-year subscription included) includes an Emergency Assistance Button (SOS), Roadside Assistance, Automatic Collision Notification, and Stolen Vehicle Notification. The Lexus Enform response center operates 24/7/365.
- Lexus Enform Service Connect (complimentary 10-year subscription included) enables LC 500 to send vehicle alerts and factory recommended maintenance alerts, simultaneously alerting a preferred Lexus retailer if opted-in.
- Lexus Enform WiFi (complimentary 4 GB trial to be used within one year) allows up to five devices to be connected via the vehicle's 4G LTE service powered by Verizon

- The complimentary Lexus Enform App Suite 2.0 app offer access to favorite mobile applications through the vehicle's center console display, including Amazon Alexa compatibility, NPR One, iHeartRadio®, Slacker® and Yelp®.
- Lexus Enform Destination Assist (complimentary for one year) acts as an in-vehicle personal concierge, providing directions and destinations delivered by a live agent.
- New Dynamic Navigation (complimentary for up to three years) offers three enhanced features; greater accuracy through continuous cloud-based updates with Dynamic Map; alternative routes based on conditions ahead via Dynamic Route and Dynamic Points of Interest (POI), which automatically sorts POI results based on relevance, and, search the cloud using conversational speech for address or POIs via Dynamic Voice Recognition system.

Standard Safety and Security

- 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
 - 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
 - Four-wheel power-assisted disc brakes with Anti-lock Braking System (ABS) and Electronic Brake force Distribution (EBD) and Brake Assist (BA)
 - 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
 - Standard Blind Spot Monitor (BSM) and Side Mirrors with BSM Indicator

Factory Option Packages

- Convenience Package
 - Intuitive Parking Assist
 - Blind Spot Monitor (BSM) with Rear Cross-Traffic Alert (RCTA)
- All-Weather Package
 - Heated leather-trimmed steering wheel
 - Windshield wiper de-icer
- Touring Package
 - Includes Convenience Packages, plus:
 - Semi-aniline leather-trimmed front seats
 - Alcantara® headliner
 - 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
 - Carbon fiber roof or glass roof
- Performance Package
 - Includes Sport Package (with carbon fiber roof) plus:
 - Active Rear Steering, Variable Gear-Ratio Steering (VGRS), speed-activated rear wing
 - Alcantara headliner, and Carbon Fiber door scuff plates

Individual Options

- 21-inch wheels
- Mark Levinson® 13-speaker 915-watt Reference Surround Sound Audio system
- TORSEN® limited-slip rear differential
- Head-up Display