



## 2019 LC 500h Specifications

<b>EXTERIOR DIMENSIONS</b>		
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
<b>INTERIOR DIMENSIONS</b>		
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.
<b>WEIGHTS AND CAPACITIES</b>		
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.
<b>HYBRID POWER SYSTEM</b>		
Type		Series/parallel system with gas engine and electric motors
Total System Power		264 kW / 354 HP
<b>ENGINE</b>		
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



## 2019 LC 500h Specifications

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	
<b>ELECTRIC MOTORS</b>		
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	
<b>HYBRID BATTERY PACK</b>		
Type	Lithium-ion	
Cell Quantity	84 cells	
Nominal Voltage	310.8 V	
System Voltage	650 V	
<b>DRIVETRAIN</b>		
Layout	Front engine, rear-wheel drive	
Transmission Type	Multistage Hybrid Transmission	
Designation	L310	
Gear Ratios	1 <sup>st</sup>	3.538
	2 <sup>nd</sup>	1.888
	3 <sup>rd</sup>	1.000
	4 <sup>th</sup>	0.650
	Rev	-
Differential Gear Ratio	3.357	
<b>CHASSIS AND BODY</b>		
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



## 2019 LC 500h Specifications

	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
<b>PERFORMANCE</b>		
0-60 mph Acceleration (mfg. results)		4.7 sec.
Top Track Speed (mfg. estimate - electronically limited)		250 km/h / 155 mph
Estimated Fuel Economy* (City/Hwy/Combined mpg)		26/35/30
Coefficient of Drag (Cd)		0.33

\* Actual mileage will vary.