

PRESS INFORMATION



DECEMBER 2023

LEXUS LBX SPECIFICATIONS

				DRIVE TYPE	FF	AWD
MAJOR DIMENSIONS AND VEHICLE WEIGHTS						
Overall	Length	(GVM)	mm	4190	4190	
	Width	(GVM)	mm	1825	1825	
	Height	(CM)	mm	1560, 1550*1	1560, 1550*1	
Wheelbase		(GVM)	mm	2580	2580	
Tread	Front	(GVM)	mm	1570	1570	
	Rear	(GVM)	mm	1570	1570	
Hip Room	Front		mm	1306.3	1306.3	
	Rear		mm	1075.6	1075.6	
Interior	Length		mm	1820	1820	
	Width		mm	1445	1445	
	Height		mm	1195	1195	
Couple Distance	Front to Rear		mm	814.7	814.7	
Seating Capacity			person	5	5	
Overhang	Front	(GVM)	mm	870	870	
	Rear	(GVM)	mm	740	740	
Coefficient of Drag				0.34	0.34	
Min. Running Ground Clearance			mm	170	170	
Location of Min. Running Ground Clearance				Front Suspension Member	Front Suspension Member	
Angle of Approach			degrees	16.1	16.1	
Angle of Departure			degrees	14.5	14.5	
Curb Mass	Front	Min. - Max.	kg	775 - 795	775 - 795	
	Rear	Min. - Max.	kg	505 - 555	590 - 620	
	Total	Min. - Max.	kg	1280 - 1350	1365 - 1415	
Gross Vehicle Mass	Front		kg	905	905	
	Rear		kg	850	915	
	Total		kg	1755	1820	
Cargo Space	Capacity (VDA)	All Seats Up	L	400*2,*4, 402*3,*4, 315*2,*5, 317*3,*5	315*2, 317*3	
		Max. Cargo	L	992*2,*4, 994*3,*4	-	
Towing Capacity	With Brake		kg	750	750	
	Without Brake		kg	650	650	
Fuel Tank Capacity			L	36	36	

*1: Vehicles with 215/60R17 tires *2: With subwoofer *3: Without subwoofer *4: FWD *5: AWD & Ukraine

		DRIVE TYPE	FF	AWD	
ENGINE					
Engine Type			M15A-FXE	M15A-FXE	
No. of Cyls. & Arrangement			3-cylinder, Inline	3-cylinder, Inline	
Valve Mechanism			12-valve DOHC, Chain Drive (With Dual VVT-i)	12-valve DOHC, Chain Drive (With Dual VVT-i)	
Bore x Stroke	mm		80.5 x 97.6	80.5 x 97.6	
Displacement	cm ³		1490	1490	
Compression Ratio			14.0	14.0	
Fuel System			EFI	EFI	
Intake System			Naturally Aspirated	Naturally Aspirated	
Emission Certification			EURO6E with OBD, EURO6C with OBD* ⁶	EURO6E with OBD	
Fuel Type			PETROL	PETROL	
Recommended Octane Rating			95 or More (OCTANE), 91 or More (OCTANE)* ⁶	95 or More (OCTANE)	
Max. Output		kW/rpm	67/5500	67/5500	
Max. Torque		Nm/rpm	120/3600-4800, 120/3800-4800* ⁶	120/3600-4800	
Fuel Consumption	WLTP (combined cycle)	Vehicle high	L/100km	4.7	5.0
		Vehicle low	L/100km	4.4	4.6
CO ₂ Emissions	WLTP (combined cycle)	Vehicle high	g/km	107.45	113.42
		Vehicle low	g/km	100.35	104.97
MOTOR GENERATOR					
Motor Type	Front		Permanent Magnet Synchronous Motor	Permanent Magnet Synchronous Motor	
	Rear			Induction Asynchronous Motor	
Max. Output	Front		kW	69.0	69.0
	Rear		kW		4.7
Max. Torque	Front		Nm	185.0	185.0
	Rear		Nm		52.0
HYBRID BATTERY					
Battery Type			Nickel-metal Hydride Battery	Nickel-metal Hydride Battery	
Nominal Voltage	V		201.6	201.6	
Number of Battery Cells			168	168	
System Voltage	V		280	280	
Battery Capacity		Ah	<u>5.0</u>	<u>5.0</u>	
Total Battery Power		kWh	<u>1.0</u>	<u>1.0</u>	
TOTAL SYSTEM OUTPUT					
Total Max. Output* ⁷		kW	100	100	
PERFORMANCE					
Max. Speed		km/h	170	170	
Acceleration	0 to 100 km/h	sec.	9.2	9.6	

*6: Ukraine only

*7: The combined total power of the engine and electric motor (using the battery) exhibited as a hybrid system. (Toyota in-house measured figures)

		DRIVE TYPE	FF	AWD
CHASSIS				
Transmission	Transmission Model Code		PA11	PA11
	Type		CVT	CVT
	Final Drive Gear Ratio		3.218	3.218
Traction Motor (Rear)	Total Speed Reduction Ratio			10.487
Brake Type	Front		Ventilated Disc Brake with Floating Calliper 1-cylinder	Ventilated Disc Brake with Floating Calliper 1-cylinder
	Rear		Solid Disc Brake with Floating Calliper 1-cylinder	Solid Disc Brake with Floating Calliper 1-cylinder
Brake Size	Front		15"Disc 25V	15"Disc 25V
	Diameter / Thickness	mm	282 / 25.0	282 / 25.0
	Rear		15"Disc	16"Disc
Diameter / Thickness	mm	265 / 10.0	281 / 12.0	
Parking Brake Type of Control and Location			Electronic Parking Brake - Center Console Switch	Electronic Parking Brake - Center Console Switch
Suspension Type	Front		MacPherson Strut	MacPherson Strut
	Rear		Torsion Beam	Double Wishbone
Lock to Lock			2.73	2.73
Min. Turning Radius	Curb to curb		5.2	5.2
	Wall to wall		5.6	5.6
Power Steering Type			Electric	Electric

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