

## LEXUS LBX TECHNICAL SPECIFICATIONS

<b>POWERTRAIN</b>	<b>1.5-litre self-charging hybrid electric</b>
Type	3 cylinders in-line
Valve mechanism	DOHC 12-valve with VVT-iE (intake) and VVT-i (exhaust)
Fuel system	Direct multipoint electronic fuel injection
Displacement (cc)	1,490
Bore x stroke (mm)	80.5 x 97.6
Compression ratio	14.0:1
Max. torque (Nm @ rpm)	120 @ 3,600-4,800
Max. engine power (bhp/DIN Hp/kW @ rpm)	90/91/67 @ 5,500
<b>Total hybrid system max. power (bhp/DIN hp/kW)</b>	<b>134/136/100</b>
<b>Electric motor/generator (MG2)</b>	
Motor type	Permanent magnet, synchronous motor
Max. power (kW)	69

Max. torque (Nm)	185	
<b>Rear electric motor</b>		
Type	Induction motor	
Max. power (kW)	4.7	
Max. torque (Nm)	52	
<b>High-voltage battery</b>		
Battery type	Nickel-metal hydride	
Number of cells	168	
Nominal voltage (V)	201.6	
System voltage (V)	280	
Capacity (amp/h)	5.0	
Total battery power (kWh)	1.0	
<b>TRANSMISSION</b>	<b>FWD</b>	<b>AWD</b>
Type	e-CVT	
Front gear ratio	3.218:1	
Rear gear ratio (AWD-i)	-	10.487

<b>PERFORMANCE</b>	<b>FWD</b>	<b>AWD</b>
Max. speed (mph)	106	
0-62mph acceleration (sec)	9.2	9.6
<b>FUEL CONSUMPTION (WLTP)</b>	<b>FWD</b>	<b>AWD</b>
Combined cycle (mpg)	61.4-62.7	58.8
Fuel tank capacity (l)	36	
<b>CO<sub>2</sub> EMISSIONS (WLTP), INSURANCE, WARRANTY &amp; SERVICING</b>	<b>FWD</b>	<b>AWD</b>
Combined cycle (g/km)	102-108	110-113
Insurance groups	TBC	
New vehicle warranty	3 years/60,000 miles	
Service schedule	10,000 miles/annually	
<b>BRAKES</b>	<b>FWD</b>	<b>AWD</b>
Front – diameter/thickness (mm)	Ventilated discs, 282/25	
Rear – diameter/thickness (mm)	Solid discs, 265/10	Solid discs, 281/12
Parking brake	Electronic	

<b>SUSPENSION</b>	<b>FWD</b>	<b>AWD</b>
Front	MacPherson struts	
Rear	Torsion beam	Double wishbones
<b>STEERING</b>		
Type	Rack and pinion, electric power assistance	
Turns lock-to-lock	2.73	
Min. turning radius - tyre (m)	5.2	
Min. turning radius – body (m)	5.6	
<b>EXTERIOR DIMENSIONS</b>	<b>FWD</b>	<b>AWD</b>
Overall length (mm)	4,190	
Overall width (mm)	1,825	
Overall height (mm)	1,560 1,550 (17in wheels)	
Wheelbase (mm)	2,580	
Front overhang (mm)	860	

Rear overhang (mm)	740	
Front track (mm)	1,570	
Rear track (mm)	1,570	
Min. running ground clearance (mm)	170	
Coefficient of drag (Cd)	0.34	
<b>INTERIOR DIMENSIONS</b>	<b>FWD</b>	<b>AWD</b>
Interior length (mm)	1,820	
Interior width (mm)	1,445	
Interior height (mm)	1,195	
Load capacity – rear seats in place (l)	402 (400 with subwoofer)	317 (315 with subwoofer)
Load capacity – maximum (l)	994 (992 with subwoofer)	TBC
<b>WEIGHTS</b>	<b>FWD</b>	<b>AWD</b>
Kerb weight (kg)	1,280-1,350	1,365-1,415

Gross vehicle weight (kg)		1,755	1,820
Towing capacity – braked (kg)		750	
Towing capacity – unbraked (kg)		550	
<b>WHEELS &amp; TYRES</b>			
Wheels		17 or 18in alloy	
Tyres	17in wheel	215/55R17	
	18in wheel	215/50R18	

*These specifications are intended as a guide for media only. Customers wishing to confirm the details of a specific vehicle should visit [www.lexus.co.uk](http://www.lexus.co.uk) or check with their Lexus centre.*