

LEXUS LBX TECHNICAL SPECIFICATIONS

POWERTRAIN	1.5-litre self-charging hybrid
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
Total hybrid system max. power (bhp/DIN hp/kW)	134/136/100
Electric motor/generator (MG2)	
Motor type	Permanent magnet, synchronous motor
Max. power (kW)	69

Max. torque (Nm)	185	
Rear electric motor		
Type	Induction motor	
Max. power (kW)	4.7	
Max. torque (Nm)	52	
High-voltage battery		
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	
TRANSMISSION	FWD	AWD
Type	e-CVT	
Front gear ratio	3.218:1	
Rear gear ratio (AWD-i)	-	10.487

PERFORMANCE	FWD	AWD
Max. speed (mph)	106	
0-62mph acceleration (sec)	9.2	9.6
FUEL CONSUMPTION (WLTP)	FWD	AWD
Combined cycle (mpg)	61.4-62.7	58.8
Fuel tank capacity (l)	36	
CO₂ EMISSIONS (WLTP), INSURANCE, WARRANTY & SERVICING	FWD	AWD
Combined cycle (g/km)	102-108	110-113
Insurance groups	23-25E	
New vehicle warranty	3 years/60,000 miles	
Service schedule	10,000 miles/annually	
BRAKES	FWD	AWD
Front – diameter/thickness (mm)	Ventilated discs, 282/25	
Rear – diameter/thickness (mm)	Solid discs, 265/10	Solid discs, 281/12
Parking brake	Electronic	

SUSPENSION	FWD	AWD
Front	MacPherson struts	
Rear	Torsion beam	Double wishbones
STEERING		
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	
EXTERIOR DIMENSIONS	FWD	AWD
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	
INTERIOR DIMENSIONS	FWD	AWD
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
WEIGHTS	FWD	AWD
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	
WHEELS & TYRES			
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 or check with their Lexus centre.