

PRESS

INFORMATION

DECEMBER 2023

LEXUS LBX SPECIFICATIONS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | DRIVE TYPE | | FF |
| MAJOR DIMENSIONS AND VEHICLE WEIGHTS | | | | |
| Overall | Length | (GVM) | mm | 4190 |
| Width | (GVM) | mm | 1825 |
| Height | (CM) | mm | 1560,  1550\*1 |
| Wheelbase |  | (GVM) | mm | 2580 |
| Tread | Front | (GVM) | mm | 1570 |
| Rear | (GVM) | mm | 1570 |
| Hip Room | Front |  | mm | 1306.3 |
| Rear |  | mm | 1075.6 |
| Interior | Length |  | mm | 1820 |
| Width |  | mm | 1445 |
| Height |  | mm | 1195 |
| Couple Distance | Front to Rear |  | mm | 814.7 |
| Seating Capacity |  |  | person | 5 |
| Overhang | Front | (GVM) | mm | 870 |
| Rear | (GVM) | mm | 740 |
| Coefficient of Drag |  |  |  | 0.34 |
| Min. Running Ground Clearance |  |  | mm | 220 |
| Location of Min. Running Ground Clearance | | |  | Front Suspension Member |
| Angle of Approach |  |  | degrees | 16.1 |
| Angle of Departure |  |  | degrees | 14.5 |
| Curb Mass | Front | Min. - Max. | kg | 775 - 795 |
| Rear | Min. - Max. | kg | 505 - 555 |
| Total | Min. - Max. | kg | 1280 - 1350 |
| Gross Vehicle Mass | Front |  | kg | 905 |
| Rear |  | kg | 850 |
| Total |  | kg | 1755 |
| Cargo Space | Capacity (VDA) | All Seats Up | L | 400\*2, \*4, 402\*3, \*4,  315\*2, \*5, 317\*3, \*5 |
|  | Max. Cargo | L | 992\*2, \*4, 994\*3, \*4 |
| Towing Capacity | With Brake |  | kg | 750 |
| Without Brake |  | kg | 650 |
| Fuel Tank Capacity |  |  | L | 36 |
| \*1: Vehicles with 215/60R17 tires \*2: With subwoofer \*3: Without subwoofer \*4: FWD \*5: AWD & Ukraine | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | DRIVE TYPE | | FF |
| ENGINE | | | | |
| Engine Type |  |  |  | M15A-FXE |
| No. of Cyls. & Arrangement | |  |  | 3-cylinder, Inline |
| Valve Mechanism | |  |  | 12-valve DOHC, Chain Drive (With Dual VVT-i) |
| Bore x Stroke |  |  | mm | 80.5 x 97.6 |
| Displacement |  |  | cm3 | 1490 |
| Compression Ratio | |  |  | 14.0 |
| Fuel System |  |  |  | EFI |
| Intake System |  |  |  | Naturally Aspirated |
| Emission Certification | |  |  | EURO6E with OBD,  EURO6C with OBD\*6 |
| Fuel Type |  |  |  | PETROL |
| Recommended Octane Rating | |  |  | 95 or More (OCTANE), 91 or More (OCTANE)\*6 |
| Max. Output |  |  | kW/rpm | 67/5500 |
| Max. Torque |  |  | Nm/rpm | 120/3600-4800,  120/3800-4800\*6 |
| Fuel Consumption | WLTP (combined cycle) | Vehicle high | L/100km | 4.7 |
| Vehicle low | L/100km | 4.4 |
| CO2 Emissions | WLTP (combined cycle) | Vehicle high | g/km | 107.45 |
| Vehicle low | g/km | 100.35 |
| MOTOR GENERATOR | | | | |
| Motor Type | Front |  |  | Permanent Magnet Synchronous Motor |
| Rear |  |  |  |
| Max. Output | Front |  | kW | 69.0 |
| Rear |  | kW |  |
| Max. Torque | Front |  | Nm | 185.0 |
| Rear |  | Nm |  |
| HYBRID BATTERY | | | | |
| Battery Type |  |  |  | Nickel-metal Hydride Battery |
| Nominal Voltage |  |  | V | 201.6 |
| Number of Battery Cells | |  |  | 168 |
| System Voltage |  |  | V | 280 |
| Battery Capacity | |  | Ah | 5.0 |
| Total Battery Power | |  | kWh | 1.0 |
| TOTAL SYSTEM OUTPUT | | | | |
| Total Max. Output\*7 | |  | kW | 100 |
| PERFORMANCE | | | | |
| Max. Speed |  |  | km/h | 170 |
| Acceleration | 0 to 100 km/h | | sec. | 9.2 |
| \*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 | |
| CHASSIS | | | | |
| Transmission | Transmission Model Code | |  | PA11 | |
| Type |  |  | CVT | |
| Final Drive Gear Ratio | |  | 3.218 | |
| Traction Motor (Rear) | Total Speed Reduction Ratio | |  |  | |
| Brake Type | Front |  |  | Ventilated Disc Brake with  Floating Calliper 1-cylinder | |
| Rear |  |  | Solid Disc Brake with  Floating Calliper 1-cylinder | |
| Brake Size | Front |  |  | 15"Disc 25V | |
|  | Diameter / Thickness | mm | 282 / 25.0 | |
| Rear |  |  | 15"Disc | |
|  | Diameter / Thickness | mm | 265 / 10.0 | |
| Parking Brake Type of Control and Location | | |  | Electronic Parking Brake - Center Console Switch | |
| Suspension Type | Front |  |  | MacPherson Strut | |
| Rear |  |  | Torsion Beam | |
| Lock to Lock |  |  |  | 2.73 | |
| Min. Turning Radius | Curb to curb |  | m | 5.2 | |
| Wall to wall |  | m | 5.6 | |
| Power Steering Type | |  |  | Electric | |

# # #