

LEXUS LS 460 TECHNICAL SPECIFICATION

ENGINE	
Engine type	90° V8
Valve mechanism	4 valves per cylinder, chain driven, Dual VVT-i, VVT-iE for intake
Displacement (cc)	4,608
Bore x stroke (mm)	94.0 x 83.0
Compression ratio	11.8:1
Fuel type	Petrol, 91 octane or higher
Injection system	D-4S (Direct injection 4-stroke petrol Superior version)
Max. power (bhp/DIN hp @ rpm)	375/380 @ 6,400
Max. torque (Nm @ rpm)	493 @ 4,100
PERFORMANCE	
0-62mph (sec)	5.7
50-75mph (sec)	4.7
Max. speed (mph)	155
FUEL ECONOMY/EMISSIONS	
Urban (mpg)	17.1
Extra-urban (mpg)	35.8
Combined (mpg)	25.4
CO ₂ emissions (g/km)	261
VED band	M
DIMENSIONS	
Overall length (mm)	5,030
Overall width (mm)	1,875
Overall height (mm)	1,465
Wheelbase (mm)	2,970
Track – front (mm)	1,610 (18in tyre)/1,615 (19in tyre)
Track – rear (mm)	1,615 (18in tyre)/1,620 (19in tyre)
Overhang – front (mm)	885
Overhang – rear (mm)	1,175
Interior length (mm)	2,150
Interior width (mm)	1,600
Interior height (mm)	1,185 (1,165 with sunroof)
DIMENSIONS contd...	
Coefficient of drag (Cd)	0.26
Fuel tank capacity (l)	84
Luggage compartment capacity (l)	505 (385 with rear air conditioning unit)
WEIGHTS	
Kerb weight (kg)	1,945 – 2,055
Gross vehicle weight (kg)	2,495
Towing capacity – braked (kg)	2,000
Towing capacity – unbraked (kg)	750

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TRANSMISSION		
Code		
Type		Eight-speed automatic, longitudinal, rear-wheel drive
Gear ratios	1 st	4.596
	2 nd	2.724
	3 rd	1.864
	4 th	1.464
	5 th	1.231
	6 th	1.000
	7 th	0.824
	8 th	0.685
Reverse		2.176
Final drive ratio		2.937
SUSPENSION		
Front		Multilink
Rear		Multilink
Shock absorbers/springs		Adaptive Variable Suspension with Vehicle Posture Control; air suspension with automatic height control
BRAKES		
Front (dimensions mm)		Four-piston callipers, ventilated discs Ø357 x 34
Rear (dimensions mm)		Two-piston callipers, ventilated discs Ø335 x 22
BRAKES contd...		
Additional features		Electronically Controlled Brake (ECB) system; Vehicle Dynamics Integrated Management (VDIM); Hill-start Assist control (HAC); emergency stop signal; brake hold; electric parking brake
STEERING		
Steering gear type		Rack and pinion, Electric Power Steering (EPS)
Ratio		11.6 – 16.6 (11.7 – 16.7 19in tyre)
Turns lock-to-lock		2.5 – 3.6
Minimum turning radius – tyre (m)		5.4
Additional features		Variable Gear Ratio Steering (VGRS)
WHEELS AND TYRES		
Wheels		R18 7.5J (option R19 8.0J)
Tyres		235/50 (option 245/45)

Ref: 090501N