

# 2008 LEXUS LS Specifications

## BODY, DIMENSIONS

Type	Five-passenger luxury sedan Available four-passenger premium configuration (LS 460 L) <sup>11</sup>
Construction	Welded-steel unibody
Overall Length	198.0 in (5,029 mm) (LS 460) 202.8 in (5,151 mm) (LS 460 L)
Width	73.8 in (1,875 mm)
Height	58.1 in (1,476 mm) 57.7 (1,466 mm) (with available Adaptive Variable Air Suspension)
Ground Clearance	5.7 in (145mm) 5.9 in (150mm) (with available Adaptive Variable Air Suspension)
Wheelbase	116.9 in (2,969 mm) (LS 460) 121.7 in (3,091 mm) (LS 460 L)
Curb Weight	4,244 lb (1,925 kg) (LS 460) 4,332 lb (1,965 kg) (LS 460 L)
Fuel-Tank Capacity	22.2 gal (84 L)
Trunk Capacity	18.0 cubic feet (510 L) 14.1 cubic feet <sup>23</sup> (399 L) (LS 460L with available Rear-Seat Upgrade Package or Executive-Class Seating Package)
Headroom	38.0/38.0 in (965/965 mm) (front/rear)
Shoulder Room	58.5/56.9 in (1,486/1,445 mm) (front/rear) (LS 460) 58.5/56.4 in (1,486/1,433 mm) (front/rear) (LS 460 L)
Hip Room	55.4/55.5 in (1,407/1,410 mm) (front/rear)



## CHASSIS

Vehicle Dynamics Integrated Management (VDIM) <sup>6</sup>	Advanced stability and traction management system designed to proactively but seamlessly integrate separate vehicle dynamic functions to enhance driver control and vehicle performance under a variety of adverse conditions. VDIM <sup>6</sup> manages the integration of Electronic Controlled Braking (ECB), Electronic Power Steering (EPS), available Variable Gear-Ratio Steering (VGRS), Vehicle Stability Control (VSC), <sup>6</sup> Traction Control (TRAC), the Anti-lock Braking System (ABS), Electronic Brakeforce Distribution (EBD) and Brake Assist
Suspension	Front: Independent, upper and lower multi-link double joint suspension arms with coil-over monotube shock absorbers and stabilizer bar.  Rear: Independent, multi-link double-joint suspension arms with coil-over monotube shock absorbers and stabilizer bar. Available height-adjustable Adaptive Variable Air Suspension (AVS) with electronically modulated damping (LS 460 L)  Height-adjustable sport-tuned Adaptive Variable Air Suspension (AVS) (LS 460 L)
Steering	Electronic Power Steering (EPS) system, 3.2 turns lock-to-lock. With Available Variable Gear-Ratio Steering (VGRS) and 18-inch wheels, 2.5-3.5 turns lock-to-lock and with optional 19-inch wheels, 2.4-3.5 turns lock-to-lock
Brakes	Four-wheel, power-assisted discs with Electronic Controlled Braking (ECB), four-sensor, four-channel Anti-lock Braking System (ABS), Electronic Brakeforce Distribution (EBD) and Brake Assist. <sup>5</sup> 13.1-in ventilated front, 12.4-in ventilated rear discs. 14.1-in ventilated front, 13.3-in ventilated rear discs <sup>17</sup> (with available Touring Package)
Wheels and Tires	18 x 7.5-in nine-spoke alloy wheels with 235/50VR18 all-season tires. <sup>19,20</sup> Full-size spare tire on alloy wheel. Optional wheels and tires: 19 x 8.0-in five-spoke alloy wheels with 245/45YR19 summer tire <sup>19,20</sup> (with available Touring Package) or 245/45VR19 all-season tires (with available Air Suspension Package)

## DRIVETRAIN

Transmission	Eight-speed sequential-shift automatic Electronically Controlled Transmission with intelligence (ECT-i)
Drive Wheels	Rear, with standard Vehicle Dynamics Integrated Management (VDIM) <sup>6</sup>
Final Drive Ratio	2.937:1

5, 6, 11, 17, 19, 20, 23 See page 14 for more information.

