

2005 LEXUS LS Specifications

ENGINE Type 90° V8, aluminum block and heads, certified

Ultra-Low Emission Vehicle (U-LEV)

Displacement 4.3 liters (262 cubic inches)

Valvetrain Four cam, four valves per cylinder, with

continuously Variable Valve Timing

with intelligence (VVT-i)

Compression Ratio 10.5:1

Horsepower at RPM 290 hp @ 5.600

Torque at RPM 320 lb-ft @ 3,400

DRIVETRAIN

Transmission Six-speed sequential-shift automatic Electronically

Controlled Transmission with intelligence (ECT-i). Overdrive fifth and sixth gear, auto-select shift program, engine/transmission networking, flex-lockup torque

converter.

Drive Wheels Rear, with standard Traction Control (TRAC).

Final Drive Ratio 3.77:1

BODY. **DIMENSIONS**

Туре Five-passenger luxury sedan

Construction Welded-steel unibody

Overall Length 197.4 in 72.0 in Width

58.7 in (57.9 in with available Heiaht

Adaptive Variable Air Suspension)

Wheelbase 115.2 in

5.7 in (5.9 in with available Ground Clearance

Adaptive Variable Air Suspension)

Curb Weight 3,990 lb 22.2 gallons Fuel-tank Capacity

20.2 cubic feet (without rear A/C) Trunk Capacity

17.5 cubic feet (with rear A/C)

Headroom 38.1/37.9 in (front/rear) Legroom 44.0/37.6 in (front/rear) Shoulder Room 58.3/58.2 in (front/rear)



72.0"





2005 LEXUS LS Specifications (Continued)

CHASSIS

Vehicle StabilityIntegrates Anti-lock Braking System (ABS),Control (VSC)Brake Assist and Traction Control (TRAC).

Suspension Front: Independent, double-wishbone with high-mount

aluminum upper arm, coil springs, monotube gaspressurized shock absorbers with internal rebound springs, anti-lift and anti-squat geometry, stabilizer bar.

Rear: Independent, double-wishbone with aluminum upper arm and carrier, coil springs, monotube gaspressurized shock absorbers, anti-lift and anti-squat

geometry, stabilizer bar.

Steering

Vehicle-speed-sensing, progressive power-assisted

rack-and-pinion. 3.52 turns, lock to lock.

Brakes
Four-wheel vented power-assisted discs, with four-sensor,

four-channel Anti-lock Braking System (ABS) with Brake Assist Four-piston front calipers. 12.4-in (front), 12.2-in

(rear) discs.

Wheels 17 x 7.5-in alloy wheels

Optional: 18 x 7.5-in Allov Wheels

Original Equipment Tires¹ All-Season Dunlop SP Sport 5000 A/S P225/55R17

95H (Code: 0376-43) or Dunlop SP Sport 270 P225/55R17 95H (Code: 0391-01) or Dunlop SP Sport

270 P225/55R17 97W (Code: 0392-01).

Optional All-Season Bridgestone Turanza EL42 P245/45 R18 96V (Code: 056466) or Dunlop SP Sport 5000

A/S P245/45R18 96V.

Euro-tuned Sport Suspension: Summer Bridgestone Turanza ER33 P245/45R18 96W (Code: 034060).

Full-size spare with alloy wheel.

PERFORMANCE

0-60 MPH Acceleration
 1/4-Mile Acceleration
 1/4-S seconds²

Top Track Speed 130 mph (electronically limited) 2

Estimated Fuel Consumption 18/25 mpg city/highway³

Aerodynamic Drag Coefficient 0.26 with standard suspension or

available Euro-tuned Sport Suspension (0.25 with available Adaptive Variable Air Suspension)

Turning Circle (curb-to-curb) 35.8 ft

TOTAL UNITS PRODUCED

Total 28,902

DISCLAIMERS

¹17 or 18 in. tires are expected to experience greater wear than conventional tires. Tire life may be substantially less than 20,000 miles, depending on driving conditions.

²Performance capacity figures are for comparison only and were obtained with prototype vehicles by professional drivers using special safety equipment and procedures. Do not attempt.

³Actual mileage will vary with options, driving conditions, driving habits and vehicle's condition. Results reported to EPA indicate that the majority of vehicles with these estimates will achieve between 15 and 21 mpg in the city and between 21 and 29 mpg on the highway.

(See www.fueleconomy.gov.)



2005 LEXUS **LS** Original Pricing and Options

PRICING

CING	<u>Code</u>	Description	Manufacturer's Suggested Retail Price (MSRP) 4
	9100	LS 430 Luxury Sedan	\$ 56,325
		Options	
	AT	Ashtray	No Charge
	FK	18" Chrome Wheels with All-Season Tires	1,920
	FT	18" Wheels with All-Season Tires	220
	IN	Interior Upgrade Package with Black Semi Aniline Leather Trim, requires LP, LQ, UL, or UN	2,100
	IR	Interior Upgrade Package with Ecru or Saddle Leather Trim, requires LP, LQ, UL, or UN	1,460
	LP	Custom Luxury Selection, includes Mark Levinson® Audio System, Navigation System with Rear Camera, Bluetooth®, Dynamic Laser Cruise Control, Intuitive Parking Assist, Heated Rear Seats, Front Climate-Control Seats, Headlamp Washer, and Power Door	5005
		Closers, requires IN or IR	5,935
	PM	Premium Package, includes Heated Rear Seats, Front Climate-Control Seats, and Intuitive Parking Assist	1,390
	PT	Modern Luxury Package, includes Mark Levinson Audio System, Navigation System with Rear Camera, Bluetooth, Heated Rear Seats, Front Climate-Control Seats, and Intuitive Parking Assist	4,980
	SK	SmartAccess ⁵	1,000
	SP	Euro-Tuned Sport Suspension with 18" Wheels	220
	SX	Euro-Tuned Sport Suspension with Chrome 18" Wheels	1,920
	TI	17" Chrome Wheels with All-Season Tires	1,700
	UL	Ultra Luxury Selection, includes Mark Levinson Audio System, Navigation System with Rear Camera, Bluetooth, Dynamic Laser Cruise Control, Adaptive Variable Air Suspension, SmartAccess ⁵ , Rear Door Sunshades, Intuitive Parking Assist, Power Climate-Control Rear Seats with Memory and Massage Feature, Front Climate-Control Seats, Rear Air Conditioner and Air Filtration System, Headlamp Washers, and Power Door Closers, requires IN or IR	11,320
	LQ	Custom Luxury Selection, includes Dynamic Radar Cruise Control, Pre-Collision Safety system, Mark Levinson Audio System, Navigation System with Rear Camera, Bluetooth, Intuitive Parking Assist, Heated Rear Seats, Front Climate-Control Seats, Headlamp Washers and Power Door Closers, requires IN or IR	8,185
	UN	Ultra Luxury Selection, includes Dynamic Radar Cruise Control, Pre-Collision Safety System, Mark Levinson Audio System, Navigation System with Rear Camera, Bluetooth, Adaptive Variable Air Suspension, SmartAccess⁵, Rear Door Sunshades, Intuitive Parking Assi Power Climate-Control Seats with Memory & Massage Feature, Front Climate Control Seats, Rear Air Conditioner and Air Filtration systems, Headlamp Washers, and Power Door Closers, requires IN or IR	st, 13,570

⁴The vehicle MSRP at launch included Delivery, Processing, and Handling fee. The Delivery, Processing, and Handling Fee was based on the value of the processing, handling and delivery services provided by Lexus and Lexus' overall pricing strategy. Federal, state, and local taxes, and advertising fees, if any, were additional. Prices included predelivery services. Suggested prices: These guidelines were provided by Lexus. The dealer was free to establish its own selling price, margin, or profit level.

⁵The SmartAccess system may interfere with some pacemakers or cardiac defibrillators. If you have one of these medical devices, please talk to your doctor to see if you should deactivate this system.



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EXTERIOR COLORS





6T7









MERCURY METALLIC
1F2

ONLIGHT PEARI 072

BRIARWOOD PEARL 4S1







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