

Lexus LS 430 Specifications & Features*

Dimensions

Body Type	4-door 5-passenger luxury sedan.
Construction	Unitized body with anti-vibration subframes. Extensive use of galvanized steel and other anti-corrosive measures.
Overall Length	4995 mm (196.7 in.)
Width	1830 mm (72.0 in.)
Height (unloaded)	1490 mm (58.7 in.)
Height (unloaded with air suspension)	1470 mm (57.9 in.)
Wheelbase	2925 mm (115.2 in.)
Curb Weight	1795 kg (3957 lb)
Tread (front/rear)	1570/1570 mm (61.8/61.8 in.)
Tread (front/rear with air suspension)	1575/1575 mm (62.0/62.0 in.)
Headroom (front/rear)	967/964 mm (38.1/38.0 in.)
Legroom (front/rear)	1118/954 mm (44.0/37.6 in.)
Shoulder Room (front/rear)	1481/1479 mm (58.3/58.2 in.)
Trunk Space	0.571 cu. m (20.2 cu. ft.)
Fuel Tank Capacity	84.0 l (18.5 imp. gal.)

Engine

Engine Type	(3UZ-FE) V8
Displacement	4.3 litres (4293 cc)
Valvetrain	DOHC 32 valves, Variable Valve Timing with intelligence (VVT-i)
Acoustic Control Induction System (ACIS) and Electronic Throttle Control System with intelligence (ETCS-i)	
Bore x Stroke	91.0 x 82.5 mm (3.58 x 3.25 in.)
Horsepower	290 hp (216 kW) @ 5600 rpm
Torque	320 lb. ft. (434 N.m) @ 3400 rpm
Compression Ratio	10.5:1
Engine Management	Computer control of sequential multi-port fuel injection. Direct Ignition System (DIS) with dual knock sensors.
Fuel Requirement	Premium Unleaded recommended.

Drivetrain

Transmission	5-speed Super Electronically Controlled Transmission (Super ECT). Overdrive top gear.
Drive Wheels	Rear-wheel drive with Traction Control System (TRAC).
Final Drive Ratio	3.266:1
Suspension	4-wheel independent, double wishbone suspension, coil springs, low pressure gas shock absorbers, front and rear stabilizer bars. Anti-dive and anti-squat geometry.
Steering	Vehicle-speed sensing electronically controlled Progressive Power Steering (PPS), power rack-and-pinion steering, 3.53 turns, lock-to-lock.
Brakes	4-wheel, power assisted, ventilated disc brakes.
Antilock Braking System (ABS)	4-sensor, 4-channel.
Brake Assist, Electronic Brake force Distribution (EBD)	

Performance Capabilities

Acceleration, 0-60 mph**	6.3 seconds
Fuel Consumption, L/100 km***	12.8 City, 8.8 Highway, 11.0 Combined
Turning Circle	10.7 m (35.1 ft.)
Coefficient of Drag (cd.)	0.25 with air suspension, 0.26 without air suspension

Exterior Features

Low reflection windshield with heating system and 3-jet washer nozzles	
Integrated headlight washer	
Helical-coil type short-pole antenna (mounted on the rear centre of the roof)	
Wheels/Tires – Newly-designed 16 x 7JJ 7-spoke alloy wheels. P225/60R16 Dunlop performance all-season radials.	
Clearance and Back-up Sonar	

Interior Features

Leather package: Seats and headrests, armrest. Leather and wood steering wheel, shift knob and door trim.
Maple or Walnut wood trim accents
Audio: Lexus Premium AM/FM with cassette, 178-watt ^T system with 7 speakers and Radio Data System (RDS)
In-dash 6-disc CD auto-changer
Electronic analog gauges with multi-information Display (Outside temperature and Vehicle performance information)
Automatic climate control with manual override, independent driver and front passenger temperature soft-touch controls with dust, pollen and deodorizing air filter.
Air quality control system: Exhaust gas and NOx sensors
Front centre console automatic swing register
Cruise control
Power-assisted driver and front passenger heated seats (Adjustments: 14-way driver, 10-way passenger)
Power trunk lid with auto close system
Power rear sunshade
Power fuel filler door release
Power windows with driver and passenger "auto up/down" feature with jam protection
Power tilt-and-telescopic steering wheel
Power tilt-and-slide moonroof with sunshade
Lexus Driver Memory system includes three driver memory settings for power adjustments on driver's seat, side mirrors, power tilt-and-telescopic steering wheel and shoulder belt anchor
Dual heated power remote-controlled and colour-keyed side mirrors with electrochromic automatic dimming
Automatic dimming electrochromic day/night inside rearview mirror
Upper and lower glove boxes
High solar energy absorbing tinted glass
Heavy duty rear window defogger with timer

Convenience Features

Adjustable rear seat headrests
Power Driver and front passenger adjustable pillar shoulderbelt anchors
Front seatback pockets
Rear seat fold-down armrest/storage console with trunk pass-through access panel
Electronic Compass
Accessory power outlet
Driver and passenger illuminated vanity mirrors with ticket holder
Front and rear cupholders
Interior power remote trunklid and fuel filler door releases
Low fuel, washer fluid, oil level and pressure warning
Power door locks with driver's door 2-turn unlock feature
Map lamps
Trunk mat
Two-level console box with sliding upper tray
Storage drawers under front seats, expandable front door pockets
Integrated garage door opener
Illuminated entry system
Carpeted floor mats
Cargo net
Automatic light control system
Wheel-lock package

Safety Features

Antilock Braking System (ABS)
Brake Assist
Electronic Brake force Distribution (EBD)
Traction Control (TRAC)
Vehicle Skid Control (VSC)
High Intensity Discharge (HID) headlamps with auto leveling system
Fully-integrated theft deterrent system with encoded vehicle immobilizer
Driver and front passenger airbag Supplemental Restraint System (SRS) with 2-stage deployment and occupant sensor on the driver and passenger side.
Side-impact airbag Supplemental Restraint System (SRS) for front seats
Window curtain airbags Supplemental Restraint System (SRS) front and rear
Front and rear outboard seatbelt pretensioner and force limiter system
Keyless remote entry with adjustable audible warning, trunk release and panic alarm
Variable intermittent wipers

Integrated fog lamps
First aid kit
3-point rear seat centre lap and shoulderbelt
Full-size spare tire
Rain Sensor Wipers

Optional Equipment

LS 430 Touring Edition includes: “Standard Features” plus 17 inch chrome wheels, 225/55R17 Dunlop performance summer radials, Euro Coil Suspension, Laser Cruise. Note: does not include wood steering wheel.

LS 430 Premium Package includes: “Standard Features” plus 17 inch wheels 225/55R17 Dunlop performance summer radials, Mark Levinson Audio, 240 watt[†] system with 9 speakers and Radio Data System (RDS). Laminated side glass, front seat heater and A/C, Laser Cruise, Auto Door Closer (LS 430 Premium Package also available with DVD based GPS Navigation System)

LS 430 Ultra Premium Package includes: “Standard Features” plus 17 inch chrome wheels 225/55R17 Dunlop performance summer radials, Mark Levinson Audio, 240 watt[†] system with 9 speakers and Radio Data System (RDS). Air Suspension, laminated side glass, front seat heater and A/C, Laser Cruise, Auto Door Closer, sunshade on rear doors, rear A/C with climate control, rear power seats with massage setting, rear audio controls. (LS 430 Premium Package also available with DVD based GPS Navigation System)

Available Accessories

Block heater

Warranty

Comprehensive coverage: 48 months/80,000 km

Powertrain: 72 months/110,000 km

Corrosion Perforation: 72 months/unlimited mileage

Roadside Assistance: 48 months, 24 hour roadside assistance with free travel planning

See your Lexus dealer for details.

*TOYOTA CANADA INC. Every effort has been made to ensure the specifications and equipment shown are accurate based on information available at time of printing. In some cases, certain changes in standard equipment, options or product delays may occur which would not be reflected in these pages. Toyota Canada Inc. reserves the right to make these changes without notice or obligation. Your Lexus dealer is your best source for up-to-date information.

**Performance figure is shown for comparison only, and was obtained with prototype vehicles under test track conditions by professional drivers using special safety equipment and procedures. This should not be attempted on public streets or highways.

***FUEL CONSUMPTION RATING. These estimates are based on the Government of Canada’s approved criteria and testing methods. The actual fuel consumption of this vehicle may vary. Refer to the Government of Canada publication – EnerGuide Fuel Consumption Guide.

[†]Continuous average power, all channels driven, at 0.01% THD; 20-20,000 Hz.

Some features mentioned may not be available in Canada, or may only be available as part of an optional package.