



Detailed Specifications

2009 Lexus RX 350 AWD



Base MSRP: \$38,900 ^[1] Delivery, Processing & Handling Fee: \$765 ^[2]

Engine & Performance

Engine Type	3.5-liter V6	
Horsepower	270 @ 6,200 RPM ^[3]	
Torque (lb-ft)	251 @ 4,700 RPM ^[3]	
Displacement (L /cu in)	3.5 / 210	
Valves	24	
Cam Type	Four cam	
Electronic Timing	Dual Variable Valve Timing with intelligence (VVT-i)	
Compression Ratio	10.8:1	
Emissions	Ultra-Low Emission Vehicle (ULEV II)	
Performance		
0 - 60 mph (sec)	7.4 ^[3] ^[4]	
Top Track Speed (mph)	112 (electronically limited) ^[3] ^[4]	
1/4-Mile Acceleration (sec)	15.7 ^[3] ^[4]	
Aerodynamic Drag Coefficient	0.35	
Max Towing (lb / kg)	3,500 / 1,588 ^[5] with available Towing Prep Package	Optional

Fuel Economy

City (mpg) - estimated	17 ^[6]	
Highway (mpg) - estimated	22 ^[6]	
Fuel-Tank Capacity (gal / L)	19.2 / 73	

Transmission & Drivetrain

Drive Type	All-Wheel Drive (AWD)	
Electronic Traction Control	Traction Control (TRAC)	
Electronic Stability Control	Vehicle Stability Control (VSC) with cutoff switch ^[7]	
Final Drive Ratio	3.291:1	

Transmission	Five-speed automatic, Electronically Controlled Transmission (ECT)	
<u>Differential</u>	Viscous limited-slip center <u>differential</u>	
Body & Chassis		
Body Type	Five-passenger luxury utility vehicle	
Doors	Four	
Construction	Welded-steel unibody	
Suspension		
Suspension, Front	Independent, <u>MacPherson struts</u> with coil springs, gas-pressurized shock absorbers and <u>stabilizer bar</u>	
Suspension, Rear	Independent struts with coil springs, gas-pressurized shock absorbers and <u>stabilizer bar</u>	
<u>Air Suspension</u>	Height-adjustable Four-Wheel <u>Air Suspension</u>	Optional
Steering		
Steering	Engine-speed-sensing power-assisted <u>rack-and-pinion</u>	
Steering Turns (Lock to Lock)	3.0	
Turning Circle (ft)	37.4	
Brakes		
Brakes	Four-wheel, power-assisted disc brakes	
Anti-lock Braking (ABS)	Four-sensor, four-channel	
<u>Braking Assist</u>	<u>Brake Assist</u> [8]	
<u>Electronic Brakeforce Distribution (EBD)</u>	<u>Electronic Brakeforce Distribution (EBD)</u>	
Discs, Front (in)	12.6 ventilated	
Discs, Rear (in)	11.3 solid	
Wheels & Tires		
Rim Type		
	Six-spoke, 17-in aluminum alloy	
	Five-spoke, 18-in aluminum alloy	Optional
	Five-spoke, 18-in aluminum alloy with Liquid Graphite finish	Optional
	Seven-spoke, 18-in aluminum alloy with Liquid Graphite finish	Optional
Wheel Size (in)		
	17 x 6.5	
	18 x 7.0	Optional
Tire Size		
	225/65SR17	
	235/55VR18	Optional
Safety & Security		
Airbag		
Driver		
	<u>Advanced front (SRS)</u> [9]	
	Side seat-mounted (SRS) [9]	
	Side curtain Roll-Sensing (RSCA) (SRS) [9]	
	Knee (SRS) [9]	
Front Passenger		
	<u>Advanced front (SRS)</u> [9]	
	Side seat-mounted (SRS) [9]	
	Side curtain Roll-Sensing (RSCA) (SRS) [9]	
Rear Passengers		
	Side curtain Roll-Sensing (RSCA) (SRS) [9]	
Electronic Traction Control		
	<u>Traction Control (TRAC)</u>	
Electronic Stability Control		
	<u>Vehicle Stability Control (VSC)</u> with cutoff switch [7]	
Anti-Lock Braking (ABS)		
	Four-sensor, four-channel	
<u>Braking Assist</u>		
	<u>Brake Assist</u> [8]	
<u>Electronic Brakeforce Distribution (EBD)</u>		
	<u>Electronic Brakeforce Distribution (EBD)</u>	
<u>Differential</u>		
	Viscous limited-slip center <u>differential</u>	

Electronic Tire Pressure	Direct Tire Pressure Monitor System [10]	
Frame	Rigid body structure	
Impact Resistance	Side-impact door beams	
	Impact-dissipating upper interior trim	
<u>Crumple Zones</u>	Front and rear	
<u>Steering Column</u>	Collapsible steering column	
<u>Pedals</u>	Collapsible brake and driver's footrest pedals	
<u>Seatbelts</u>	Three-point seatbelts for all seating positions, seatbelt-anchor-height adjusters for front-row seats	
	Front-row seatbelts with <u>pre-tensioners and force limiters</u>	
Locking Seatbelt Control	Automatic Locking Retractor/Emergency Locking Retractor (ALR/ELR) seatbelts for all passenger seating positions. Driver's-seat Emergency Locking Retractor (ELR) only	
Child Restraint	Child Restraint Seat (CRS) anchor brackets for rear outboard seating positions	
Child Safety Locks	Manual for the rear passenger doors. Window lock button on driver door control	
Backup Camera	Full-color display [11]	Optional
Anti-Theft Protection	Theft-deterrent and <u>engine immobilizer</u> , with in-key transponder	
Headlamps	Automatic on/off headlamps with 30-second auto-off delay	
	<u>Adaptive Front Lighting System (AFS) with High-Intensity Discharge (HID) headlamps</u> with dynamic auto leveling	Optional
Headlamp Washers	Available with heated seats, rain-sensing wipers	Optional
Running Lights	Daytime Running Lights (DRL)	
Foglamps	Integrated foglamps	
Taillamps	LED brake lamps	
Defogger	Auto-off timer for rear window	
Windshield Wipers	Variable intermittent wipers with mist cycle	
	Rain-sensing intermittent wipers with mist cycle	Optional
Rear Wiper	Intermittent wiper with washer	
Mirrors	Power-adjustable outside mirrors with defoggers	
	Auto tilt-down in reverse	Optional
Glass	Water-repellent front-door glass	
First Aid Kit	Included	
Tool Kit	Included	
Exterior Specs		
Length (in / mm)	186.2 / 4,729	
Width (in / mm)	72.6 / 1,844	
Height (in / mm)	66.1 / 1,679	
<u>Wheelbase</u> (in / mm)	106.9 / 2,715	
Ground Clearance (in / mm)	7.48 / 190	
Coil Suspension		
Ground Clearance (in / mm)	7.09 / 180	Optional
<u>Air Suspension</u>		
Approach Angle, <u>RAHC</u> Normal	29.0 degrees	
Departure Angle, <u>RAHC</u> Normal	23.5 degrees	
Curb Weight (lb / kg)	4,090 / 1,855	
Weight Distribution (% front / rear)	56.8 / 43.2	
Max Towing (lb / kg)	3,500 / 1,588 [5] with available Towing Prep Package	Optional
Exterior Features		
Headlamps	Automatic on/off headlamps with 30-second auto-off delay	

	<u>Adaptive Front Lighting System (AFS) with High-Intensity Discharge (HID) headlamps with dynamic auto leveling</u>	Optional
Headlamp Washers	Available with heated seats, rain-sensing wipers	Optional
Running Lights	Daytime Running Lights (DRL)	
Foglamps	Integrated foglamps	
Taillamps	LED brake lamps	
Windshield Wipers	Variable intermittent wipers with mist cycle	
	Rain-sensing intermittent wipers with mist cycle	Optional
Rear Wiper	Intermittent wiper with washer	
Mirrors	Power-adjustable outside mirrors with defoggers	
	Auto tilt-down in reverse	Optional
Glass	Water-repellent front-door glass with UV reduction	
	Rear privacy glass with in-glass antenna	
	Laminated	
Roof Rack	Roof rack with rails [12]	Optional
Towing Package	Towing Prep Package [5]	Optional
Towing Equipment	Tow-Hitch Bracket [13]	Optional

Interior Specs

Seating Capacity	Five	
Headroom, Front (in / mm)	39.3 / 998 (without moonroof)	
Headroom, Rear (in / mm)	38.6 / 980 (without moonroof)	
Legroom, Front (in / mm)	42.5 / 1,080	
Legroom, Rear (in / mm)	36.4 / 925	
Shoulder Room, Front (in / mm)	57.9 / 1,471	
Shoulder Room, Rear (in / mm)	57.1 / 1,450	
Hip Room, Front (in / mm)	55.6 / 1,412	
Hip Room, Rear (in / mm)	55.1 / 1,400	
Max Cargo Volume (cu ft / L) Rear seats up	38.3 / 1,085 [14]	
Max Cargo Volume (cu ft / L) Rear seats folded	84.7 / 2,399 [14]	

Interior Features

Dash Trim	Light golden bird's-eye maple, black bird's-eye maple or brown walnut	
Center Console Trim	Light golden bird's-eye maple, black bird's-eye maple or brown walnut	
Center Console	Sliding center console with cupholders and storage bin	
Door Trim	Wood and leather	
Seat Trim	Fabric	
	Leather	Optional
Steering-Wheel Trim	Wood and leather	
Shift Knob Trim	Wood and leather	
Power Seats	10-way controls (including lumbar) for driver and front passenger	
Heated Seats, Front	Two-level heated front seats	Optional
Rear Seat	Reclining, sliding rear seat (40/20/40 split)	
Headrests	Height-adjustable headrests for all seating positions	
Memory Systems	<u>Lexus Memory System</u> to control power driver's seat (except lumbar), outside mirrors and steering wheel	Optional
	<u>Lexus Personalized Settings (LPS)</u> [15] to customize select electronic functions	
Electronic Releases	Fuel-filler door release	
Cover	Auto-retracting tonneau cover	
Floor Mats	Carpeted floor mats	

Sun Visor Extensions Standard

Comfort & Convenience

Cruise Control	Standard	
	Dynamic Laser Cruise Control [16]	Optional
Air Conditioning	Automatic	
Climate Control	Dual-zone automatic climate control with automatic recirculation mode	
Air Filtration	Interior air filter with smog sensor	
Navigation System	Voice-activated DVD Navigation System [17] with backup camera [11] and Bluetooth® technology [18]	Optional
Bluetooth® Technology	Included with voice-activated DVD Navigation System [17] [18]	Optional
Backup Camera	Full-color display [11]	Optional
Remote Keyless Entry	Multifunction in-key remote with rolling-code technology	
Remote Windows	Remote-linked windows	
Moonroof	Power tilt-and-slide moonroof with one-touch open/close and sliding sunshade. Remote linked	Optional
HomeLink® Transceiver	Operates compatible garage, gate, home lighting and home security systems	
Anti-Theft Protection	Theft-deterrent and engine immobilizer, with in-key transponder	
Power Windows	Power windows with one-touch auto open/close	
Power Door Locks	Auto lock/unlock, anti-lockout feature and driver's two-turn unlock feature	
Mirrors	Auto-dimming inside rearview mirror and power outside mirrors	
Power Seats	10-way controls (including lumbar) for driver and front passenger	
Heated Seats, Front	Two-level heated front seats	Optional
Rear Seat	Reclining, sliding rear seat (40/20/40 split)	
Power Rear Door	Standard	
Adjustable Steering Wheel	Tilt steering column	
	Power tilt-and-telescopic steering column with automatic tilt-away	Optional
Steering-Wheel Controls	Audio and optional navigation	
Retained Accessory Power	Retained accessory power for windows, available moonroof and audio system	
Accessory Power Outlet	Front center stack, rear console box, rear cargo area	
Instrumentation	Liquid-crystal multi-information console display; Electroluminescent instrumentation	
Illuminated Entry	Illuminated entry system	Optional
Outside Temperature Gauge	External temperature display	
Compass	Rearview mirror compass [19]	
Vanity Mirrors	Dual illuminated visor vanity mirrors	

Audio, Entertainment & Navigation

Audio System	Lexus Premium Sound System with in-dash, single-feed, six-disc CD auto-changer	
Speakers	Eight	
Audio System	Mark Levinson® [20] Premium Audio System with in-dash, single-feed, six-disc DVD/CD auto-changer	Optional
Speakers	11	Optional
Watts	210 at less than 0.1% THD; 20 - 20,000 Hz [21]	Optional
Antenna	Roof-mounted antenna with in-glass FM-diversity system	
Satellite Radio	XM® Satellite Radio [22] capability or SIRIUS® Satellite Radio [23] capability	Optional
DVD Entertainment System	DVD Rear-Seat Entertainment System (RSES)	Optional

Limited Warranty (see your Lexus dealer for details)

Basic (months)	48	
Basic (miles)	50,000	
Powertrain (months)	72	
Powertrain (miles)	70,000	

Rust (months)	72
Rust (miles)	Unlimited
Roadside Assistance (months)	48 [24]

Vehicle(s) shown may feature optional equipment.

MSRP does not include delivery, processing and handling fee of \$765. Excludes taxes, title, license and optional equipment. Dealer price may vary.

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Specifications, features, equipment, technical data, performance figures, options, and color and trim are based upon information available at time of posting, are subject to change without notice, are for mainland U.S.A. vehicles and may differ in the state of Hawaii, Puerto Rico, the U.S. Virgin Islands and in other regions.

Some vehicles shown with optional equipment. Optional equipment listed may not be available separately or in all regions. Please see your Lexus dealer for details. Lexus reminds you to wear seatbelts, secure children in rear seat, obey all traffic laws and drive responsibly.

For more information, call 800-USA-LEXUS (872-5398). To learn more about your financing options, contact your Lexus dealer or call Lexus Financial Services at 800-874-7050.

- [1] MSRP does not include delivery, processing and handling fee of \$765. Excludes taxes, title, license and optional equipment. Dealer price may vary.
- [2] "Delivery, processing and handling fee" is based on the value of the processing, handling and delivery services Lexus provides, as well as Lexus' overall pricing structure. Lexus may make a profit on the delivery, processing and handling fee.
- [3] Ratings achieved using the required premium unleaded gasoline with an octane rating of 91 or higher. If premium fuel is not used, performance will decrease.
- [4] Performance figures are for comparison only and were obtained with prototype vehicles by professional drivers using special safety equipment and procedures. Do not attempt.
- [5] Before towing, confirm your vehicle and trailer are compatible, hooked up and loaded properly and that you have any necessary additional equipment. Do not exceed any Weight Ratings and follow all instructions in your *Owner's Manual*. The maximum you can tow depends on the total weight of any cargo, occupants and available equipment.
- [6] EPA-estimated ratings. Actual mileage will vary. For more information on MPG and EPA ratings please visit the [FAQ page](#).
- [7] Vehicle Stability Control (VSC) is an electronic system designed to help the driver maintain vehicle control under adverse conditions. It is not a substitute for safe driving practices. Factors including speed, road conditions and driver steering input can all affect whether VSC will be effective in preventing a loss of control. Please see your *Owner's Manual* for further details.
- [8] Brake Assist is designed to help the driver take full advantage of the benefits of ABS. It is not a substitute for safe driving practices. Braking effectiveness also depends on proper brake-system maintenance and tire and road conditions.
- [9] All the airbag ("AB") systems are Supplemental Restraint Systems. All ABs (if installed) are designed to inflate only under certain conditions and in certain types of severe collisions: frontal and knee ABs typically inflate in frontal collisions; side and side curtain ABs in side collisions; Roll-Sensing Curtain ABs at a severe tilt degree, roll or lateral G-force. In all other accidents, the ABs will not inflate. To decrease the risk of injury from an inflating AB, always wear seatbelts, sit upright in the middle of the seat as far back as possible and do not lean against the door. Do not put objects in front of an AB or around the seatback. Do not use a rearward-facing child seat in any front passenger seat. The force of an inflating AB may cause serious injury or death. Please see your *Owner's Manual* for further information/warnings.
- [10] The Lexus Tire Pressure Monitor System alerts the driver when tire pressure is critically low. For optimal tire wear and performance, tire pressure should be checked regularly with a gauge; do not rely solely on the monitor system. Please see your *Owner's Manual* for details.
- [11] The backup camera does not provide a comprehensive view of the rear area of the vehicle. You should also look around outside your vehicle and use your mirrors to confirm rearward clearance. Cold weather will limit effectiveness and view may become cloudy.
- [12] Roof rack system is not recommended for luggage.
- [13] Lexus towing equipment is available only on the 2008 RX 350 with Performance Package and Towing Prep Package.
- [14] Cargo and load capacity limited by weight and distribution.
- [15] The Lexus Personalized Settings (LPS) Program is a one-time, complimentary offer for the first 12 months from the date the vehicle is sold. Please see your Lexus dealer for more information.
- [16] Dynamic Laser Cruise Control is designed to assist the driver and is not a substitute for safe and attentive driving practices. Please see your *Owner's Manual* for important cautions and instructions.
- [17] The Navigation System is designed to assist in locating an address or point of interest. Discrepancies may be encountered between the system and your actual location. Road system changes may affect the accuracy of the information provided. Rely on your common sense to decide whether to follow a specified route. Detailed coverage not available in every city or roadway. Periodic updates available at an additional cost. Please see your *Navigation System Owner's Manual* for further details.
- [18] The Bluetooth® technology phones listed on [lexus.com](#) have been tested for compatibility with Lexus vehicles. Performance will vary based on phone software version, coverage and your wireless carrier. Phones are warranted by their manufacturer, not Lexus.
- [19] On vehicles equipped with the available Lexus DVD Navigation System, the compass is displayed on the navigation screen.

- [20] Mark Levinson is a registered trademark of Harman International Industries, Inc.
- [21] Continuous average power, all channels driven, at less than 0.1% THD; 20–20,000 Hz.
- [22] Functioning XM® Satellite Radio requires a compatible receiver and monthly service fee. Please see your Lexus dealer for further details. Reception of the satellite signal may vary depending on location. All fees and programming subject to change. Subscriptions subject to the terms and conditions available at www.xmradio.com. Available only in the 48 contiguous United States.
- [23] Functioning SIRIUS® Satellite Radio requires a compatible receiver and monthly service fee. Please see your Lexus dealer for further details. Reception of the satellite signal may vary depending on location. All fees and programming subject to change. Subscriptions subject to the terms and conditions available at www.sirius.com. Available only in the 48 contiguous United States.
- [24] Coverage only available in the continental U.S. and Canada. Please see your Lexus dealer for details.