



Detailed Specifications

2008 Lexus RX 400h AWD



Base MSRP: \$42,680 ^[1] Delivery, Processing & Handling Fee: \$765 ^[2]

Engine & Performance

Engine Type	3.3-liter V6
Horsepower	268 (total system) ^[3]
Displacement (L/cu in)	3.3 / 202
Valves	24
Cam Type	Four cam
Electronic Timing	Variable Valve Timing with intelligence (VVT-i)
Compression Ratio	10.8:1
Emissions	Super Ultra-Low Emission Vehicle (SULEV)
Electric-Drive Motors	Front and rear high-output, permanent-magnet electric motors
Performance	
0 - 60 mph (sec)	7.3 ^[3] ^[4]
Top Track Speed (mph)	112 (electronically limited) ^[3] ^[4]
Aerodynamic Drag Coefficient	0.35
Max Towing (lb / kg)	3,500 / 1,588 ^[5]

Fuel Economy

Fuel Economy	26/24 city/highway mpg ^[6]
Fuel-Tank Capacity (gal / L)	17.2 / 65

Transmission & Drivetrain

Drive Type	AWD ^[7]
Electronic Traction Control	Traction Control (TRAC)
Electronic Stability Control	Vehicle Dynamics Integrated Management (VDIM) ^[8] (includes Traction Control (TRAC) and Vehicle Stability Control (VSC) ^[9])
Electronic Transmission	Electronically controlled Continuously Variable Transmission (ECVT)

Body & Chassis

Body Type	Five-passenger hybrid luxury utility vehicle	
Doors	Five	
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>	
Steering		
Steering	Electronic vehicle-speed-sensing, power-assisted <u>rack-and-pinion</u>	
Turning Circle (ft)	37.4	
Brakes		
Brakes	Four-wheel, electronic powered-assisted disks, with four-sensor, four-channel <u>Anti-lock Braking System (ABS)</u> and regenerative function	
<u>Anti-lock Braking (ABS)</u>	Four-sensor, four-channel	
<u>Braking Assist</u>	<u>Brake Assist</u> [10]	
<u>Electronic Brakeforce Distribution (EBD)</u>	Electronic Controlled Braking (ECB). <u>Electronic Brakeforce Distribution (EBD)</u>	
Wheels & Tires		
Rim Type	17-in six-spoke aluminum alloy	
	18-in five-spoke 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> [11] <u>Side seat-mounted (SRS)</u> [11] <u>Side curtain Roll-Sensing (RSCA) (SRS)</u> [11] <u>Knee (SRS)</u> [11]	
Front Passenger	<u>Advanced front (SRS)</u> [11] <u>Side seat-mounted (SRS)</u> [11] <u>Side curtain Roll-Sensing (RSCA) (SRS)</u> [11]	
Rear Passenger	<u>Side curtain Roll-Sensing (RSCA) (SRS)</u> [11]	
Electronic Traction Control	<u>Traction Control (TRAC)</u>	
Electronic Stability Control	<u>Vehicle Dynamics Integrated Management (VDIM)</u> [8] (includes <u>Traction Control (TRAC)</u> and <u>Vehicle Stability Control (VSC)</u> [9])	
<u>Anti-lock Braking (ABS)</u>	Four-sensor, four-channel	
<u>Braking Assist</u>	<u>Brake Assist</u> [10]	
<u>Electronic Brakeforce Distribution (EBD)</u>	Electronic Controlled Braking (ECB). <u>Electronic Brakeforce Distribution (EBD)</u>	
Electronic Tire Pressure	<u>Direct Tire Pressure Monitor System</u> [12]	
Frame	Rigid body structure	
Impact Resistance	Side-impact door beams Impact-dissipating upper interior trim	
<u>Crumple Zones</u>	Front and rear	
Steering Column	Collapsible steering column	
Pedals	Collapsible brake and driver's footrest pedals	
Seatbelts	<u>Three-point seatbelts</u> for all seating positions with seatbelt-anchor-height adjusters for front seats <u>Front-row seatbelts with 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) tether 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 [13]	Optional
Anti-Theft Protection	Theft-deterrent and engine immobilizer, 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 with dynamic auto leveling</u>	Optional
Headlamp Washers	Headlamp washers	Optional
Running Lights	Daytime Running Lights (DRL)	
Foglamps	Integrated projector-beam foglamps	
Taillamps	<u>LED taillamps</u>	
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 and auto tilt-down in reverse	
Glass	Water-repellent front-door glass	
First Aid Kit	Included	
Tool Kit	Included	

Exterior Specs

Length (in / mm)	187.2 / 4,755	
Width (in / mm)	72.6 / 1,844	
Height (in / mm)	68.5 / 1,740	
<u>Wheelbase</u> (in / mm)	106.9 / 2,715	
Ground Clearance (in / mm)	7.1 / 180	
Approach Angle	28.3 degrees	
Departure Angle	24.3 degrees	
Curb Weight (lb / kg)	4,365 / 1,980	
Max Towing (lb / kg)	3,500 / 1,588 [5]	
Towing Package	Towing Prep Package [5]	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	Headlamp washers	Optional
Running Lights	Daytime Running Lights (DRL)	
Foglamps	Integrated projector-beam foglamps	
Taillamps	<u>LED taillamps</u>	
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 and auto tilt-down in reverse	
Glass	Water-repellent front-door glass with UV reduction	
	Rear privacy glass with in-glass antenna	
Roof Rack	Roof rack with rails [14] [15]	Optional

Interior Specs

Seating Capacity	Five	
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Headroom, Front (in / mm)	39.4 / 1,001	
Headroom, Rear (in / mm)	37.5 / 953	
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	
Max Cargo Volume (cu ft / L) Rear seats up	38.3 / 1,084	
Max Cargo Volume (cu ft / L) Rear seats folded	84.7 / 2,398	

Interior Features

Dash Trim	Brushed aluminum	
	Brown walnut, light golden bird's-eye maple or black bird's-eye maple wood trim	Optional
Center Console Trim	Brushed aluminum	
	Brown walnut, light golden bird's-eye maple or black bird's-eye maple wood trim	Optional
Center Console	Sliding center console with cupholders and storage bin	
Door Trim	Fabric	
	Leather	Optional
Seat Trim	Fabric	
	Leather	Optional
Steering-Wheel Trim	Leather	
	Wood and leather	Optional
Shift Knob Trim	Brushed aluminum and leather	
	Wood and leather	Optional
Power Seats	10-way controls (including lumbar) for driver and front passenger	
Heated Seats, Front	Heated front seats	Optional
Rear Seat	Reclining, sliding rear seat (40/20/40 split)	
Headrests	Height-adjustable headrests for all seating positions	
Memory Systems	Lexus Memory System to control power driver's seat (except lumbar), outside mirrors and steering wheel	Optional
	Lexus Personalized Settings (LPS) [16] to personalize electronic functions	
Electronic Releases	Fuel-filler door release	
Cover	Auto-retracting tonneau cover	
Floor Mats	Carpeted floor mats	
Sun Visor Extensions	Sun visors with illuminated vanity mirror and sliding extension	

Comfort & Convenience

Cruise Control	Cruise control	
	Dynamic Laser Cruise Control [17]	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 [18] with backup camera [13] and Bluetooth® technology [19]	Optional
Bluetooth® Technology	Included with voice-activated DVD Navigation System [18] [19]	Optional
Backup Camera	Full-color display [13]	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

<u>HomeLink® Transceiver</u>	Operates compatible garage, gate, home lighting and home security systems	
<u>Anti-Theft Protection</u>	Theft-deterrent and <u>engine immobilizer</u> , with in-key transponder	
<u>Power Windows</u>	<u>Power windows</u> with one-touch auto open/close	
<u>Power Door Locks</u>	Auto lock/unlock, anti-lockout feature and driver's two-turn unlock feature	
<u>Power Mirrors</u>	Auto-dimming inside rearview mirror and heated outside mirrors	
<u>Power Seats</u>	10-way controls (including lumbar) for driver and front passenger	
<u>Heated Seats, Front</u>	Heated front seats	Optional
<u>Rear Seat</u>	Reclining, sliding rear seat (40/20/40 split)	
<u>Power Rear Door</u>	<u>Power rear door</u>	
<u>Adjustable Steering Wheel</u>	Power tilt-and-telescopic steering column with automatic tilt-away	Optional
<u>Steering-Wheel Controls</u>	Audio and navigation	
<u>Retained Accessory Power</u>	<u>Retained accessory power</u> for windows and moonroof	
<u>Accessory Power Outlet</u>	Rear cargo area	
<u>Instrumentation</u>	Liquid-crystal multi-information console display; <u>electroluminescent instrumentation</u>	
<u>Illuminated Entry</u>	Illuminated entry system	Optional
<u>Outside Temperature Gauge</u>	External temperature display	
<u>Compass</u>	Rearview mirror compass [20]	
<u>Vanity Mirrors</u>	Dual illuminated visor vanity mirrors	

Audio & Entertainment

<u>Audio System</u>	Lexus Premium Sound System with in-dash, single-feed, six-disc CD auto-changer	
<u>Speakers</u>	Eight	
<u>Audio System</u>	<u>Mark Levinson® Premium Audio System</u> [21] with in-dash, single-feed, six-disc CD auto-changer	Optional
	<u>Mark Levinson® Premium Audio System</u> [21] with in-dash, single-feed, six-disc DVD/CD auto-changer (with Navigation)	Optional
<u>Speakers</u>	11	Optional
<u>Watts</u>	210 @ less than 0.1% THD, 20-20,000 Hz [22]	Optional
<u>Antenna</u>	Roof-mounted antenna with in-glass FM-diversity system	
<u>Satellite Radio</u>	<u>XM® Satellite Radio</u> [23] or <u>SIRIUS® Satellite Radio</u> [24] capability	Optional
<u>DVD Entertainment System</u>	<u>DVD Rear-Seat Entertainment System (RSES)</u>	Optional
<u>Wireless Headphones</u>	Included with <u>DVD Rear-Seat Entertainment System (RSES)</u> [25]	Optional
<u>Satellite Radio</u>	<u>XM® Satellite Radio</u> capability [23] or <u>SIRIUS® Satellite Radio</u> [24] capability	Optional

Limited Warranty (see your Lexus dealer for details)

<u>Basic (months)</u>	48	
<u>Basic (miles)</u>	50,000	
<u>Powertrain (months)</u>	72	
<u>Powertrain (miles)</u>	70,000	
<u>Rust (months)</u>	72	
<u>Rust (miles)</u>	Unlimited	
<u>Roadside Assistance (months)</u>	48 [26]	
<u>Hybrid Battery (months)</u>	96	
<u>Hybrid Battery (miles)</u>	100,000	

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] The RX 400h is not designed to be driven off-road.
- [8] Vehicle Dynamics Integrated Management (VDIM) 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 VDIM will be effective in preventing a loss of control. Please see your *Owner's Manual* for further details.
- [9] 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.
- [10] 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.
- [11] 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.
- [12] 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.
- [13] 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.
- [14] Roof rack system is not recommended for luggage.
- [15] Roof rack capacity is 130 lbs. Please see *Owner's Manual* for details.
- [16] 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.
- [17] 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.
- [18] 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.
- [19] 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.
- [20] On vehicles equipped with the available Lexus DVD Navigation System, the compass is displayed on the navigation screen.
- [21] Mark Levinson is a registered trademark of Harman International Industries, Inc.
- [22] Continuous average power, all channels driven, at less than 0.1% THD; 20–20,000 Hz.
- [23] 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.
- [24] 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.
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[26] Coverage only available in the continental U.S. and Canada. Please see your Lexus dealer for details.