



## 2012 RX 350 Product Information

Notes: All specs are for both all-wheel drive (AWD) and front-wheel drive (FWD) unless otherwise noted. Items in **bold** are new for 2012.

<b>EXTERIOR DIMENSIONS</b>	
Wheelbase	107.9 in.
Overall Length	187.8 in.
Overall Width	74.2 in.
Overall Height (unloaded)	66.3 in. (without roof rack)
Tread Width - Front	64.2 in.
- Rear	63.8 in.
Ground Clearance	7.3 in.
Approach Angle	28.6 deg.
Departure Angle	24.6 deg.
Breakover Angle	14.4 deg.

<b>INTERIOR DIMENSIONS</b>	
Seating Capacity	5
Headroom - Front (with moonroof)	39.1 in.
- Rear	37.7 in.
Legroom - Front	43.1 in.
- Rear	36.8 in.
Shoulder Room - Front	58.0 in.
- Rear	57.6 in.
Hip Room - Front	55.5 in.
- Rear	54.5 in.
Total Interior Volume	139.7 cu. ft.
Cargo Volume - Rear seats up and rearmost	40.0 cu. ft.
- Rear seats folded down	80.3 cu. ft.

<b>WEIGHTS AND CAPACITIES</b>	
Curb Weight	4,178 lbs. (FWD) 4,343 lbs. (AWD)
GVWR	5,557 (FWD) 5,644 lbs. (AWD)
Max Towing Capacity	3,500 lbs. (AWD with optional towing pkg.)
Fuel Capacity	19.2 gal.



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<b>ENGINE</b>	
Type, Materials	V6, aluminum block and heads
Designation	2GR-FE
Valvetrain	DOHC 24-valve with Dual VVT-i
Displacement	3.5 liter
Bore x Stroke	3.70 in. x 3.27 in. (94.0 mm x 83.0 mm)
Compression Ratio	10.8:1
Horsepower	270 hp @ 6,200 rpm
Torque	248 lb.-ft. @ 4,700 rpm
Maximum Engine Speed (redline)	6,400 rpm
Fuel System	Sequential Multiport Fuel Injection (SFI)
Fuel Requirement	Performance Numbers achieved with <b>87-octane</b> Unleaded fuel
Emission Certification	ULEV II (California); Tier 2 - Bin 5 (all other states)

<b>DRIVETRAIN</b>	
Layout	Front engine, full-time all-wheel drive (AWD), or front engine, front-wheel drive (FWD)
Transmission Type	6-speed Multi-Mode Automatic Transmission, Electronically Controlled Transmission with intelligence (ECT-i) with snow mode
Designation	U660
Gear Ratios	1 <sup>st</sup> 3.300 2 <sup>nd</sup> 1.900 3 <sup>rd</sup> 1.420 4 <sup>th</sup> 1.000 5 <sup>th</sup> 0.713 6 <sup>th</sup> 0.608 Reverse 4.148
Differential Ratio	4.398:1 (FWD) 4.398:1 / 2.277:1 (AWD)
All-Wheel Drive (Rear Differential)	Electronically controlled Active Torque Control



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<b>CHASSIS AND BODY</b>		
Body/Frame		Unitized steel
Suspension	- Front	MacPherson strut, coil springs
	- Rear	Double Wishbone type, coil springs
Steering	- Type	Electric Power Steering (EPS): Rack and pinion with electronic power assist
	- Overall Ratio	14.8:1
	- Turns (lock to lock)	2.79
	- Turning Circle (wall to wall)	40.0 ft.
Brakes	- Front - type/diameter	Ventilated Disc/12.9 in.
	- Rear - type/diameter	Disc/12.2 in.
Anti-lock Braking System		4-channel, 4-sensor
Wheel Size/Type		18 x 7.5 in. (standard) 19 x 7.5 in. (optional)
Tire Size/Type		235/60R18 (standard) 235/55VR19 (optional)
Spare Tire/Wheel		Compact spare

<b>PERFORMANCE</b>		
0-60 mph Acceleration (mfg. results)	7.8 sec. (AWD)	7.7 sec. (FWD)
0-1/4 Mile Acceleration (mfg. results)	15.7 sec.	
Top Track Speed	112 mph – electronically limited	
EPA Estimated Fuel Economy* (City/Hwy/Combined)	18/24/20 (AWD)	18/25/21 (FWD)
Coefficient of Drag (Cd)	0.33	

\* 2012 EPA MPG estimate. Actual mileage will vary.

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### **STANDARD EXTERIOR FEATURES**

#### **Overall Exterior Styling/Body Design**

- 18-inch five-spoke aluminum wheels
- 235/60R18 tires
- Exterior lower door chrome plating
- Front fog lamps integrated into bumper
- LED brake lights
- Rear privacy glass
- Side mirrors with integrated LED turn signal lamps
- Standard integrated rear spoiler that hides windshield wiper mechanism
- Water-repellant front door glass

#### **Body Structure and Paint**

- Acoustic glass windshield to reduce noise
- Anti-chipping paint applied to rocker panels and wheel housing arch sections
- Exterior colors (8): Matador Red Mica, Tungsten Pearl, **Nebula Gray Pearl**, Obsidian, Satin Cashmere Metallic, Cerulean Blue Metallic, Starfire Pearl, Stargazer Black
- High level of rust protection with zinc-plated steel on hood, doors and front fenders
- Highly rigid body, monocoque construction
- Measures to limit noise, vibration and harshness (NVH) have been applied throughout the vehicle
- Rear bumper protector
- Soft chip primer applied to hood for improved anti-chipping
- Sound insulation placed in door panels, instrument panel and floor mats
- UV-reducing glass used for all windows

#### **Convenience Features**

- Auto on/off headlamps
- Heated outside mirrors
- Integrated front fog lamps
- Rear intermittent wiper
- SmartAccess key system
- Variable intermittent windshield wipers

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### **STANDARD INTERIOR FEATURES**

#### **Interior Trim**

- Carpeted floor mats (carpeted trunk mat optional)
- Chrome inside door handles
- Coat hooks
- Fabric covered sun visors with adjustable-illumination vanity mirrors and slide extensions
- Fabric roof lining
- Fabric-trim seats in Light Gray
- Genuine Walnut or Bird's Eye Maple wood trim on console and switch plates
- Leather-trimmed three-spoke steering wheel and shift knob

#### **Seats and Cargo Area**

- 10-way power driver's and front passenger's seats: fore-aft slide; fore-aft recline; front vertical height; rear vertical height and power lumbar support
- Driver's seat Easy Exit (auto away/return)
- Rear center arm rest with cup holders and storage box
- Rear seat one-touch fold levers
- Reclining/sliding fold-down rear seats with 40/20/40-split
- Storage compartment under cargo area floor for smaller items
- Tonneau cover

#### **Instrumentation and Controls**

- Gated six-speed automatic transmission shifter
- Organic white Light-Emitting Diode (OLED) multi-information display
- Scheduled maintenance indicator light

#### **Convenience Features**

- 12-volt power outlets (3): center console box (1), lower console area (1) and cargo area (1)
- Assist grips (4): two front, two rear
- Auto on/off headlights
- Automatic dual-zone climate control
- Center console with two cup holders and storage bin
- Courtesy lights mounted on doors
- Dual sliding sun visors
- Dust and pollen particle and deodorizing interior air filter



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### **STANDARD INTERIOR FEATURES – CONT.**

- Electrochromic rearview mirror with compass (without Navigation)
- First aid kit
- Front and rear map lights; cargo area light
- Front seatback pockets
- Illuminated center console box and front cup holders
- Incandescent dome light with white LED spot lights
- Incandescent foot lights
- LED illuminated glove box
- Lexus Personalized Settings (LPS) to allow certain vehicle settings to be tailored to owner preference (programmable by owner)
- Manual front seatbelt anchor height adjusters
- Power door locks with anti lock-out feature
- Power tilt-and-telescopic steering column
- Power windows with one-touch auto up/down feature with jam protection for all windows
- Programmable garage door opener (HomeLink®)
- Pull-out front door storage pockets
- Rear air conditioning vents mounted on rear of center console
- Steering wheel audio controls
- Tool kit

### **STANDARD AUDIO SYSTEM**

#### **Lexus Premium Audio**

- 9 speakers
- AM/FM antenna integrated into rear spoiler
- Bluetooth® audio streaming from compatible devices
- In-dash six-disc CD auto-changer
- Integrated SiriusXM Satellite Radio receiver (complimentary 90-day trial subscription)

### **STANDARD MECHANICAL FEATURES**

- 3.5L V6 engine with dual Variable Valve Timing with intelligence (VVT-i)
- Electronically controlled Active Torque Control AWD
- Pedal-type parking brake
- Rear stabilizer brace
- Six-speed Electronically Controlled automatic Transmission with intelligence (ECT-i) and sequential shift
- Smart Stop Technology
- Vehicle Stability Control (VSC) with Traction Control (TRAC)
- VSC cut-off switch

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### **STANDARD SAFETY AND SECURITY**

#### **Safety**

- Advanced technology airbag system Supplemental Restraint System (SRS) for driver and front passenger:
  - Driver dual-stage airbag uses factors including crash severity and seat track position to choose one of three possible deployment speeds.
- Front passenger dual-stage twin-chamber airbag uses crash severity sensors to choose one of two deployment speeds. Airbag is designed to not deploy for passengers under 68.3 lbs or when child seat is detected.
- ALR/ELR seat belt retractors on all outboard seating positions except driver (ELR only)
- Daytime Running Lights (DRL)
- Tire pressure monitoring system
- Driver and front passenger knee airbags
- Force-limiting seatbelt pre-tensioners for the driver's and front passenger's seats
- Four-sensor, four-channel Anti-lock Braking System (ABS) with Brake Assist (BA)
- Front and rear seat-mounted side airbags
- Front and rear side curtain airbags
- High-strength sheet steel components
- Roll-sensing front and rear side-curtain airbags
- Side impact door beams
- Three-point seatbelts with pre-tensioners for outboard rear seating positions

#### **Security**

- Entry system with lock, two-stage unlock, trunk open and "panic" features, volume-adjustable confirmation tone and rolling code technology
- Headlight off delay feature
- Multi-function SmartAccess remote with engine immobilizer and remote window "down" feature
- Remote-activated/key-linked illuminated entry: dome light and ignition key cylinder ring illuminate when doors are unlocked
- Safety Connect<sup>®</sup> with Automatic Collision Notification, Stolen Vehicle Location, Emergency Assist Button, and Enhanced Roadside Assistance (complimentary one-year trial subscription included)
- Vehicle theft-deterrent system



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### **FACTORY OPTIONS**

- 19-inch seven spoke wheels with All-Season 235/55/VR19 tires
- Accessory connector (120V) (Available with Luxury Package)
- Bi-Xenon High Intensity Discharge (HID) projector headlamps with Adaptive Front-Lighting System (AFS)
- Heated and ventilated front seats (Requires Premium Package)
- Heads-Up Display (Requires Navigation Package)
- Intuitive Park Assist
- Mark Levinson® Audio System with 15 speakers and DVD changer (Requires Navigation Package)
- Pre-Collision System and Dynamic Radar Cruise Control (Requires Premium Package)
- Rearview mirror backup camera (Non-Navigation equipped vehicles only)
- Towing hitch
- Wood and leather-trimmed steering wheel/shift knob
  
- Premium Package
  - Driver seat memory - three settings (seat, steering wheel and mirrors)
  - Electrochromic outside mirror
  - iPod®/USB port with head unit control
  - Leather-trimmed seats
  - One-touch open/close, tilt and slide moonroof
  - Power back door
  - Rear armrest storage w/lid
  
- Luxury Package (Includes Premium Package and Requires Navigation Package)
  - 19-inch wheels
  - Auto recirculation
  - Front seat cushion extender
  - Headlamp washers
  - Illuminated scuff plates (front only)
  - Power retractable outer mirror
  - Semi-aniline leather-trimmed seating
  - Wide-view side camera system
  - Wood and leather-trimmed steering wheel /shift knob
  
- Comfort Package (Requires Premium or Luxury Package)
  - 12-speaker audio system
  - Adaptive Front-Lighting System
  - Bi-Xenon High Intensity Discharge (HID) projector headlamps
  - Heated and ventilated front seats
  - Intelligent high beams
  - Rain-Sensing Wipers





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### **FACTORY OPTIONS - CONT.**

- Navigation Package (Requires Premium Package)
  - Backup monitor
  - Bluetooth® hands free phone and phonebook download capabilities
  - HDD Navigation (Generation 6 system)
  - Lexus Enform® with Safety Connect®: Automatic Collision Notification, Stolen Vehicle Location, Emergency Assist Button (SOS), Enhanced Roadside Assistance, Destination Assist, and eDestination (One-year trial subscription included)
  - Lexus Insider™
  - Remote Touch Navigation controller
  - Voice command casual-language voice recognition system
  - NavTraffic, NavWeather, Sports, and Stocks (90-day trial subscription included)
  
- Dual-Screen Rear Seat Entertainment with Navigation (Includes Navigation Package)
  - 120V AC outlet in rear passenger compartment
  - Audio/video inputs
  - Dual wireless headphones
  - DVD rear seat entertainment system
  
- Sports Package
  - 19-inch wheels with Superchrome finish
  - Sport-tuned suspension
  - Vehicle Dynamics Integrated Management (VDIM)
  
- Towing Package
  - Heavy duty alternator and radiator
  - Transmission cooler
  
- **Appearance Package**
  - **19-inch seven-spoke wheel with Superchrome finish**
  - **Halogen headlamps with black trim**