



2021 RX 350 Specifications

Notes: All specs are for both all-weather drive (AWD) and front-wheel drive (FWD) unless otherwise noted.

EXTERIOR DIMENSIONS		
Wheelbase		109.8 in.
Overall Length		192.5 in.
Overall Width (without mirrors)		74.6 in.
Overall Height (unloaded)		67.7 in. (without roof rack)
Tread Width	Front	64.4 in.
	Rear	64.0 in.
Ground Clearance		8.2 in.
Approach Angle		17.0 deg.
Departure Angle		24.9 deg.
Breakover Angle		16.8 deg.

INTERIOR DIMENSIONS		
Seating Capacity		5
Headroom	Front	39.4 in.
	Rear	39.1 in.
Legroom	Front	44.1 in.
	Rear	38.0 in.
Shoulder Room	Front	57.8 in.
	Rear	57.6 in.
Hip Room	Front	56.6 in.
	Rear	56.1 in.
Passenger Volume		99.8 cu. ft.
Cargo Volume	Rear seat up	16.0 cu ft (453 liters)
	Rear seat folded down	32.6 cu ft (924 liters)

WEIGHTS AND CAPACITIES	
Curb Weight	4,222 lbs. (FWD); 4,387 lbs. (AWD)
Gross Vehicle Weight	5,666 lbs. (FWD); 5,864 lbs. (AWD)
Max Towing Capacity	3,500 lbs. (with Tow Package)
Fuel Capacity	19.2 gal.



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ENGINE	
Type, Materials	V6, aluminum block and heads
Designation	2GR-FKS
Valvetrain	DOHC 24-valve with VVT-iW
Displacement	3.5 liter
Bore x Stroke	3.70 in. x 3.27 in.
Compression Ratio	11.8:1
Horsepower	295 hp @ 6,300 rpm
Torque	267 lb.-ft. @ 4,700 rpm
Maximum Output	6,300 rpm
Fuel System	Sequential Multiport Fuel Injection (EFI, D-4S)
Recommended Octane Rating	91 or more
Emission Certification	ULEV III (California) ULEV 70

DRIVETRAIN	
Layout	Front engine, full-time all-weather drive (AWD), or front engine, front-wheel drive (FWD)
Transmission Type	8-speed Automatic Transmission
Designation	U881E (FWD)/ U881F (AWD)
Gear Ratios	1 st 5.250 2 nd 3.028 3 rd 1.950 4 th 1.456 5 th 1.220 6 th 1.000 7 th 0.808 8 th 0.673 Reverse 4.014
Differential Ratio	3.329:1 (FWD) 3.329:1 / 2.277:1 (AWD)
All-Wheel Drive (Rear Differential)	Electronically controlled Dynamic Torque Control



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CHASSIS AND BODY		
Body/Frame		Unitized steel and aluminum (e.g. hood, back door)
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
	Turns (lock to lock)	2.70
	Turning circle (wall to wall)	22.6 ft.
	Turning Circle (curb to curb)	19.4 ft.
Brakes	Front - type/diameter	Ventilated Disc with Floating Caliper 2 cylinder/12.9 in.
	Rear - type/diameter	Ventilated Disc with Floating Caliper 1 cylinder /13.3 in.
Anti-lock Braking System		4-channel, 4-sensor
Wheel Size/Type		18 x 8.0 in. (standard)
Tire Size/Type		20 x 8.0 in. (optional)
Spare Tire/Wheel		235/65R18 (standard)

PERFORMANCE	
0-60 mph Acceleration (mfg. results)	7.9 sec. (AWD) 7.7 sec. (FWD)
Top Track Speed	124 mph - electronically limited
Estimated Fuel Economy* (City/Hwy/Combined)	19/26/22 (AWD)
	20/28/23 (FWD)
Coefficient of Drag (Cd)	0.33

*Actual mileage will vary.

STANDARD EXTERIOR FEATURES**Overall Exterior Styling/Body Design**

- 18-inch aluminum wheels with 235/65R18 tires
- Bi-LED headlamps
- LED daytime running lights and brake lights
- Rear privacy glass
- Side mirrors with integrated LED turn signal lamps
- Standard integrated rear spoiler that conceals windshield wiper mechanism

Body Structure and Paint

- Acoustic glass windshield to reduce noise. UV-reducing glass used for all windows
- Anti-chipping paint applied to rocker panels and wheel housing arch sections
- Exterior colors (10): Atomic Silver, Matador Red Mica, Nebula Gray Pearl, Obsidian, Nightfall Mica, Eminent White Pearl, Caviar, Nori Green Pearl, Moonbeam Beige Metallic, and F SPORT exclusive Ultra White
- Highly rigid body, monocoque construction
- Measures to limit noise, vibration and harshness (NVH) applied throughout the vehicle. Sound insulation placed in door panels, instrument panel and floor mats.
- Soft chip primer applied to hood for improved anti-chipping

Interior Trim

- Carpeted floor mats (carpeted trunk mat accessory available)
- Chrome inside door handles
- Coat hooks
- Fabric covered sun visors with adjustable-illumination vanity mirrors and slide extensions
- Optional Espresso Walnut, Matte Bamboo, or Matte Linear Dark Mocha Wood trim on console and switch plates
- Leather-trimmed three-spoke steering wheel and shift knob
- NuLuxe-trimmed seats in Parchment, Birch, Black or Glazed Carmel. Black and Circuit Red available for F SPORT

STANDARD INTERIOR FEATURES**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 cupholders

- Rear seat one-touch fold levers
- Reclining/sliding fold-down rear seats with 40/20/40-split
- Tonneau cover for rear cargo area

Instrumentation and Controls

- 4.2" color multi-information display
- Scheduled maintenance indicator light

CONVENIENCE FEATURES

- Auto on/off headlamps
- Foldable heated outside mirrors
- Power back door
- Rain sensing variable intermittent windshield wipers
- Rear intermittent wiper
- SmartAccess key system
- 12-volt power outlets (3): center console box (1), lower console area (1), cargo area (1)
- Assist grips: front (2), rear (2)
- Auto on/off headlights
- Automatic dual-zone climate control with dust and pollen particle and deodorizing interior air filter
- Center console with cupholders (2) and storage bin
- Courtesy lights mounted on doors
- Electrochromic rearview mirror with compass (without Navigation)
- First aid kit
- Front and rear map lights; cargo area light
- Front seatback pockets
- Incandescent dome light with white LED spotlights
- LED illuminated center console and glove box
- Lexus Personalized Settings (LPS) to allow certain vehicle settings to be tailored to owner preference (programmable by owner)
- Programmable garage door opener (HomeLink®)
- Pull-out front door storage pockets
- Rain-sensing windshield wipers
- Steering wheel audio controls
- 6 USB ports-center console box (2), near gear shifter (2), back seat (2)

MULTIMEDIA

- 8-inch touch display with touchpad
- 9-speaker premium audio system
- Advanced voice command casual-language voice recognition system
- Backup monitor
- Bluetooth® hands free phone and automatic phonebook download capabilities
- HD Radio™
- Apple CarPlay®
- Android Auto™ and Google Assistant®
- Amazon Alexa
- Menu shortcuts on side of screen to allow quick access to Audio, Navigation, Phone, etc. from any screen (available 12.3-inch screen only)
- Siri® Eyes Free mode
- Navigation equipped vehicles
 - 3D buildings; key buildings/landmarks
 - My traffic routes; preset frequently used routes, ETA for routes
 - Speed limit display on road traveled
 - ETA calculation (speed limit, current traffic, predictive traffic data)
 - Traffic detour preview; alternate route options offered when traffic becomes heavy
 - Predictive traffic; provides view of traffic ahead based on Clear Channel Total Traffic Network (15-minute increments)
- MID data sharing; content from headunit displayed in MID (e.g. song information, NAV direction, call info.)
- Voice Recognition
 - Capabilities to help user when command not understood
 - One-shot address entry
 - Steering wheel control of voice recognition
 - Voice Recognition Guidance Level; ability to choose voice prompt level (High/Low/Off)
- Hint screens
- Cache Radio; ability to pause/record live AM/FM radio and HD Radio (10 minutes later)
 - Hybrid Data Service
 - Traffic and Weather data provided via HD Radio (free to all users while in HD Radio range)
 - Display Audio has basic traffic map and weather forecast
 - NAV-equipped vehicles have up to date and predictive traffic, Doppler weather and weather forecast
 - NAV-equipped vehicles w/Lexus Enform App Suite can continue to receive data outside of HD Radio range (switches to cellular connectivity when outside of HD Radio range)

STANDARD SAFETY AND SECURITY**Safety**

- Active headrests for front seats
- 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. (Advanced airbags in compliance with FMVSS208)
- Automatic Lock Retractor / Emergency Lock Retractor seat belt retractors on all outboard seating positions except driver (ELR only)
- LED Daytime Running Lights
- 10 airbags
- Enhanced side-impact protection
- Enhanced-Vehicle Stability Control
- Four-sensor, four-channel Anti-lock Braking System with Brake Assist
- High-strength sheet steel components
- Lexus Safety System+ 2.0
 - Pre-Collision System
 - Forward Collision Warning
 - Automatic Emergency Braking
 - Daytime and Low-Light Pedestrian Detection
 - Daytime Cyclist Detection
 - Intelligent High Beam Head Lamps
 - All-Speed Dynamic Radar Cruise Control
 - Lane Departure Alert with Steering Assist
 - Lane Keep Assist
 - Lane Tracing Assist
 - Road Sign Assist
- Blind Spot Monitor w/ Rear Cross Traffic Alert
- Rear-seat seatbelt indicator
- 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, 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® with Automatic Collision Notification, Stolen Vehicle Location, Emergency Assist Button, and Enhanced Roadside Assistance

- Vehicle theft-deterrent system

FACTORY OPTIONS

- Heated and ventilated front seats (HS)
- Moonroof and aluminum roof rails (SR)
- Panoramic moonroof and aluminum roofrails (MR)
- 20-inch split five-spoke wheels with dark silver paint and machine surfacing and all-season 235/55/R20 tires (FV)
- Color Head-Up Display (GF)
- Leather heated steering wheel (WR)
- Panoramic-view Monitor with Power Folding Mirrors with Rear Cross-Traffic Braking and Intuitive Parking Assist (RP)
- Intuitive Parking Assist with Rear Cross-Traffic Braking (RT)
- Heated and Ventilated Front Seats and Power-folding heated rear seats (HR)
- Premium triple-beam LED headlamps (IN)
- Premium triple-beam LED headlamps with Adaptive Front Lighting System (IP)
- Touch-Free Power Rear Door with Kick Sensor (PB)
- Wireless Charger (CG)

- Navigation System (NW)
 - Navigation with 12.3" touch screen
 - 12 speakers
 - Lexus Enform App Suite (subscription free): Destination Search, Yelp®, iHeartRadio™, Facebook Places™, Movietickets.com™, OpenTable®, Slacker, Stocks, Fuel Prices, Sports
 - Lexus Enform Destination Assist (three-year trial)
 - Remote Touchpad
 - SiriusXM® NavTraffic, NavWeather, Sports, Stocks and Fuel Prices (one-year trial data subscription included)
- Mark Levinson® Audio System with 15 speakers (includes same content as Navigation Package) (NM)

- Premium Package (PM)
 - Driver seat and steering wheel memory
 - Wood ornamentation
- Luxury Package (LL)
 - 20-inch super chrome wheels with machined finish with 235/55/R20 tires
 - Gray Sapele Wood with Aluminum Trim
 - Maple heated steering wheel

- LED ambient illumination
- Manual rear door sunshades
- Semi-aniline trimmed seats with unique sewing pattern, piping and four-way power lumbar available in Black, Birch, Parchment and Glazed Caramel
- Stainless rear bumper protector and rear door garnish

- Cold Area Package (CK)
 - Windshield-wiper deicer
 - Heavy-duty heater

- F SPORT Appearance package
 - 20-inch F SPORT wheels
 - Black outer mirrors
 - F SPORT steering wheel
 - F SPORT exterior and steering wheel badging
 - F SPORT meter
 - F SPORT front and rear performance dampers
 - Perforated leather-wrapped shift knob
 - Scored Aluminum trim, pedals and footrest
 - Unique fascia, front bumper, and rear bumper

- F SPORT Handling package
 - Includes same content as Appearance package plus:
 - Adapted Variable Suspension
 - Heated and ventilated F SPORT front seats with unique stitching available in Black& Rioja Red
 - Heated steering wheel

- Towing Package (AWD only) (TO)
 - Heavy duty radiator
 - Transmission and oil cooler