



## 2023 RX Specifications

Dimensions and Weight		RX 350 (FWD/AWD)	RX 350h AWD	RX 500h AWD
Overall	Length (in.)	192.52	192.52	192.52
	Width (in.)	75.59	75.59	75.59
	Height (in.)	67.32	67.32	67.32
Wheelbase	(in.)	112.20	112.20	112.20
Tread	Front (in.)	65.16	65.16	65.16
	Rear (in.)	66.54	66.54	66.54
Effective Head Room: Normal Roof (NR) Moon Roof (MR) Panoramic Roof (PR)	Front (in.)	NR: 39.53 MR: 38.11 PR: 37.60	NR: 39.53 MR: 38.11 PR: 37.60	NR: 39.53 MR: 38.11 PR: 37.60
	Rear (in.)	NR: 38.56 MR: 28.50 PR: 37.03	NR: 38.56 MR: 28.50 PR: 37.03	NR: 38.56 MR: 28.50 PR: 37.03
Effective Leg Room	Front (in.)	41.06	41.06	41.06
	Rear (in.)	37.36	37.36	37.36
Shoulder Room	Front (in.)	58.05	58.05	58.05
	Rear (in.)	56.47	56.47	56.47
Hip Room	Front (in.)	56.69	56.69	56.69
	Rear (in.)	55.90	55.90	55.90
Interior	Length (in.)	80.83	80.83	80.83
	Width (in.)	59.92	59.92	59.92
	Height (in.)	47.39	47.39	47.39
Couple Distance	Front to Rear (in.)	56.69	56.69	56.69
Seating Capacity (2 <sup>nd</sup> -row specification)	Person	5	5	5
Overhang	Front (in.)	42.52	42.52	42.52
	Rear (in.)	37.80	37.80	37.80
Coefficient of Drag		0.35	0.35	0.35
Min. Running Ground Clearance	Inches	FWD: 8.19 AWD: 8.07	8.15	8.07
Location of Min. Running Ground Clearance		Exhaust Pipe	Exhaust Pipe	Exhaust Pipe
Angle of Approach	Degrees	15	15	15
Angle of Departure	Degrees	25	25	25
Curb Weight (Emission Regulation)	Front (lb.)	FWD: 2,460 AWD: 2,500	2,460	2,600
	Rear (lb.)	FWD: 1,695 AWD: 1,810	1,995	2,150
	Total (lb.)	FWD: 4,155 AWD: 4,310	4,455	4,750
Curb Weight (FMVSS)	Front (lb.)	FWD: 2,414 AWD: 2,447 - 2,458	2,403 - 2,414	2,557 - 2,568
	Rear (lb.)	FWD: 1,653 AWD: 1,763 - 1,840	1,851 - 2,028	2,116 - 2,193
	Total (lb.)	FWD: 4,067 AWD: 4,221 - 4,287	4,365 - 4,331	4,684 - 4,750



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Dimensions and Weight		RX 350 (FWD/AWD)	RX 350h AWD	RX 500h AWD
Gross Vehicle Weight (GVWR)	Total (lb.)	FWD: 5,465 AWD: 5,620	5,750	5,995
Cargo Space (SAE)	All Seats Up (cu. ft.)	29.59	29.59	29.59
	Max Cargo (cu. ft.)	46.19	46.19	46.19
Towing Capacity	With Brake (lb.)	3,494	3,494	3,494
	Without Brake (lb.)	999	999	999
Fuel Tank Capacity	Gallons	17.83	17.17	17.17
Engine		RX 350 (FWD/AWD)	RX 350h AWD	RX 500h AWD
Engine Type		In-line 4-cylinder turbo	In-line 4-cylinder Atkinson cycle	In-line 4-cylinder turbo
Valve Mechanism		16-valve DOHC, Chain Drive (with Dual VVT-i)	16-valve DOHC, Chain Drive (With VVT-iE and VVT-i)	16-valve DOHC, Chain Drive (with Dual VVT-i)
Bore x Stroke	(in.)	3.44 x 3.92	3.44 x 4.07	3.4 x 3.92
Displacement	cu. in. (cm <sup>3</sup> )	146.03 (2,393)	151.77 (2,487)	146.03 (2,393)
Compression Ratio		11.0 : 1	14.0 : 1	11.0 : 1
Fuel Injection System		D-4ST	D-4S	D-4ST
Fuel Type		Gasoline	Gasoline	Gasoline
Recommended Octane		Premium	Premium	Premium
Output	hp @ rpm	275 @ 6,000	185 @ 6,000	271 @ 6,000
Torque*	lb.-ft. @ rpm	317 @ 1,700-3,600	178 @ 4,300-4,500	339 @ 2,000-3,000
Manufacturer Estimated Fuel Consumption MPG	Combined	FWD: 25; AWD: 24	36	27
	Highway	FWD: 29; AWD: 28	34	28
	City	FWD: 22; AWD: 21	37	27
*For the 500h, system torque has been calculated using values comparable to maximum torque values for an internal combustion engine of similar output (in-house measurements). The torque characteristics of the 500h are equivalent to a gasoline-engine-only vehicle that has a maximum of 406 lb.-ft. of torque.				
Motor Generator		RX 350 (FWD/AWD)	RX 350h AWD	RX 500h AWD
Motor Type	Front		Permanent Magnet Synchronous Motor	Permanent Magnet Synchronous Motor
	Rear		Permanent Magnet Synchronous Motor	Permanent Magnet Synchronous Motor
Total System Output/Torque		RX 350 (FWD/AWD)	RX 350h AWD	RX 500h AWD
Total Max. System Output *	(hp @ rpm)	n/a	246 @ 6,000	366 @ 6,000
Total Max Torque**	(lb.-ft. @ rpm)	317 @ 1,700 - 3,600	233 @ 4,300 - 4,500	406 @ 2,000 - 3,000
*: The combined total power of the engine and electric motor (using the battery) exhibited as a hybrid system. (Toyota in-house measured figures)				
**: The stated aggregate power figure is developed from a specific equation that involves engine power, battery power and the electric motor generator to provide a power figure representative of an internal combustion experience.				
Battery				
Main Battery Type		n/a	Nickel Metal Hydride	Nickel Metal Hydride
Nominal Voltage	(V)		259.2	288
Number of Battery Cells			216	240
Performance		RX 350 (FWD/AWD)	RX 350h AWD	RX 500h AWD
Max. Speed	(mph)	124	112	130
Acceleration (0-60 mph)	(sec.)	FWD: 7.6; AWD: 7.2	7.4	5.9
Chassis		RX 350 (FWD/AWD)	RX 350h AWD	RX 500h AWD
Transmission	TMC Code Name	UA81E	P810/Q610	PC60/QA10



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	Type	8-speed Direct Automatic	CVT	6-speed Direct Automatic
Transmission Gear Ratio	1st	5.52		4.47
	2nd	3.18		2.52
	3rd	2.05		1.56
	4th	1.49		1.14
	5th	1.23		0.85
	6th	1.00		0.67
	7th	0.80		
	8th	0.67		
	Reverse	4.22		3.20
Differential Gear Ratio (Front/Rear)		FWD: 3.33 AWD: 3.33/2.28	3.64/10.78	3.74/10.76
Brake Type	Front/Rear	Ventilated Disc	Ventilated Disc	Ventilated Disc
Brake Size (Disc outer diameter x thickness)	Front (in.)	13.39 x 1.10 F SPORT: 15.74 x 1.10	13.39 x 1.10	15.74 x 1.10
	Rear (in.)	13.39 x 0.71	13.39 x 0.71	13.39 x 0.71
<b>Chassis</b>		<b>RX 350 (FWD/AWD)</b>	<b>RX 350h AWD</b>	<b>RX 500h AWD</b>
Front Caliper Type		FWD: Floating-type double piston F SPORT Handling: 6-piston opposed front calipers	Floating-type double piston	F SPORT 6-piston opposed front calipers
Rear Caliper Type		Floating-type single piston	Floating-type single piston	Floating-type single piston
Parking Brake Type of Control and Location		EPB Center Console Switch	EPB Center Console Switch	EPB Center Console Switch
Suspension Type	Front	MacPherson Strut	MacPherson Strut	MacPherson Strut
	Rear	Multi-Link	Multi-Link	Multi-Link
Lock to Lock		2.76	2.76	2.76
Min. Turning Radius	Curb to curb (ft.)	19.4	19.4	17.7
	Wall to wall (ft.)	20.7	20.7	19.4
Steering Gear Type		Rack & Pinion	Rack & Pinion	Rack & Pinion
Power Steering Type		EPS	EPS	EPS