



RX-8 Specifications

RX 8

Powertrain	Luxury	GT
Engine type	Front-midship RENESIS - 2 rotors in-line, naturally aspirated, multi-sideport	Front-midship RENESIS - 2 rotors in-line, naturally aspirated, multi-sideport
Engine capacity	1,308 (654 x 2) cc	1,308 (654 x 2) cc
Compression ratio	10.0 : 1	10.0 : 1
Maximum power man	170 kW @ 8,200 rpm	170 kW @ 8,200 rpm
Maximum power auto	158 kW @ 7,500 rpm	-
Maximum torque man	211 Nm @ 5,500 rpm	211 Nm @ 5,500 rpm
Maximum torque auto auto	211 Nm @ 5,500 rpm	-
Fuel system	Multipoint electronic fuel injection	Multipoint electronic fuel injection
Fuel tank capacity	65 litres	65 litres
Recommended fuel	Premium unleaded (95RON or higher)	Premium unleaded (95RON or higher)
Fuel consumption man (combined) ¹	12.9 litres per 100km	12.9 litres per 100km
Fuel consumption auto (combined) ¹	12.1 litres per 100km	-
Manual transmission	6-speed	6-speed
Activematic (auto) transmission	6-speed	-
Gear ratio 1st - man/auto	3.815/3.538	3.815
Gear ratio 2nd	2.260/2.060	2.260
Gear ratio 3rd	1.640/1.404	1.640
Gear ratio 4th	1.259/1.000	1.259
Gear ratio 5th	1.000/0.713	1.000
Gear ratio 6th	0.787/0.582	0.787
Gear ratio reverse	3.603/3.168	3.603
Gear ratio final drive	4.777/4.300	4.777
Chassis	Luxury	GT
Brake diameter front	323 mm	323 mm

Brake diameter rear	302 mm	302 mm
Brake type front	Ventilated disc	Ventilated disc
Brake type rear	Ventilated disc	Ventilated disc
Shock absorbers type	Standard	Bilstein
Steering type	Electric power assist steering	Electric power assist steering
Suspension front	Double wishbone	Double wishbone
Suspension rear	Multi-link	Multi-link
Turning circle kerb to kerb	10.6 m	10.6 m
Tyre size	225/45 R18 91W	225/40 R19 89W
Weight distribution front : rear	50 : 50	50 : 50
Wheel size	18 x 8.0 J	19 x 8.0 J
Wheel type	Alloy	Alloy
Wheel type (spare)	Space-saver (T125/70 D17 98M)	Space-saver (T125/70 D17 98M)
Exterior	Luxury	GT
Aerial printed into rear glass	✓	✓
Body kit comprising: aero bumper (front)	-	✓
Body kit comprising: rear spoiler	-	✓
Body kit comprising: side skirts	-	✓
Fog-lamps (front)	✓	✓
Freestyle door system	✓	✓
Front and rear bumpers (body coloured)	✓	✓
Green-tinted windscreen, side and rear windows	✓	✓
Headlamps (Xenon low beam)	✓	✓
Metallic/Mica paint	No cost option	No cost option
Power mirrors (body coloured with heating function)	✓	✓
Power sliding and tilt glass sun-roof	✓	-
Power windows with accessory delay function	✓	✓
Rear door flip-type quarter window	✓	✓
Suspension strut tower brace bar (front)	✓	✓
Interior	Luxury	GT
Air-conditioning (climate control)	✓	✓
Aluminium pedals and footrest	✓	✓
Ambient temperature display	✓	✓
Blackout instrument cluster	✓	✓
Centre armrest consoles (front and rear)	✓	✓
Cigarette lighter and ashtray	✓	✓
Cruise control	✓	✓
Cupholders	✓	✓
Digital clock	✓	✓
Door ajar warning light	✓	✓
Door courtesy lamps (front)	✓	✓

Door map pockets (front)	✓	✓
Driver's left footrest	✓	✓
Glasses storage compartment	✓	✓
Glove box (lockable and illuminated)	✓	✓
Illuminated entry system with delayed fade	✓	✓
Instrument panel light dimmer	✓	✓
Interior illumination: cargo room lamp	✓	✓
Interior illumination: ignition key surround	✓	✓
Interior illumination: map reading spot lamps	✓	✓
Interior illumination: power window switch (driver)	✓	✓
Interior release for fuel filler door and boot lid	✓	✓
Leather-wrapped: gear shift knob	✓	✓
Leather-wrapped: handbrake handle	-	✓
Leather-wrapped: steering wheel	✓	✓
Lights-left-on audible warning	✓	✓
Low fuel warning light	✓	✓
Paddle shift gear control	auto only	-
Passenger assist grip (front)	✓	✓
Puncture repair kit and compressor	✓	✓
Seat trim: leather ²	✓	-
Seat trim: leather/cloth ²	-	✓
Seat type (front): RECARO	-	✓
Seats (front) with: 3-position memory function (driver)	✓	-
Seats (front) with: 8-way power adjustment (driver)	✓	-
Seats (front) with: height adjustment (driver)	✓	-
Seats (front) with: integral head restraints	✓	✓
Seats (front) with: lumbar adjustment (driver)	✓	-
Seats (front) with: power fold function (driver)	✓	-
Seats (front) with: quick fold function (passenger)	✓	-
Seats (front) with: rake and slide adjustment	✓	✓
Seats (front) with: seat back pocket (passenger)	✓	-
Seats (rear) with: integral head restraints	✓	✓
Seats (rear) with: lockable and removable boot through box	✓	✓
Tachometer, temperature gauge, electronic speedometer and odometer/tripmeter	✓	✓
Tilt adjustable steering wheel	✓	✓
Vanity mirrors (front) with illumination	✓	✓
Ventilation pollen filter	✓	✓
Window demister (rear)	✓	✓
Wipers (front) 2-speed with variable intermittent function	✓	✓
Audio	Luxury	GT
AM/FM tuner	✓	✓
Auxiliary input (3.5mm MP3 player compatible)	✓	✓
CD player, in-dash 6-disc (MP3 compatible)	✓	✓

Premium Bose® 300 watt amplifier and speakers	✓	-
Speakers, number of	9	6
Steering wheel mounted audio controls	✓	✓
Safety	Luxury	GT
Airbags SRS: front (driver and passenger)	✓	✓
Airbags SRS: side (front)	✓	✓
Airbags SRS: curtain (front and rear)	✓	✓
Anti-lock Braking System (ABS)	✓	✓
Child restraint anchor points	✓	✓
Day/night rear vision mirror	✓	✓
'Double lock' door deadlock function	✓	✓
Dynamic Stability Control (DSC) - switchable on/off	✓	✓
Electronic Brake-force Distribution (EBD)	✓	✓
Engine immobiliser	✓	✓
High mount stop lamp	✓	✓
Intrusion-minimising brake pedal	✓	✓
Left-hand-side convex (wide angle) exterior mirror	✓	✓
Limited-Slip Differential (LSD) torque-sensing	✓	✓
One touch (up and down) power window (driver)	✓	✓
Remote central locking and boot release (2 transmitters with retractable key)	✓	✓
Seat-belts 3-point lap-sash (all seats)	✓	✓
Seat-belts (front) with pretensioners and load-limiters	✓	✓
Side impact door beams	✓	✓
Traction Control System (TCS)	✓	✓
'Triple H' safety construction with front and rear crumple zones	✓	✓
Whiplash-minimising front seats	✓	✓
Dimensions	Luxury	GT
Ground clearance laden	101 mm	101 mm
Overall height	1,340 mm	1,340 mm
Overall length	4,470 mm	4,470 mm
Overall width	1,770 mm	1,770 mm
Track front	1,500 mm	1,505 mm
Track rear	1,505 mm	1,510 mm
Wheelbase	2,700 mm	2,700 mm
Cargo room volume (VDA)	290 litres	290 litres
Kerb weight man	1,402 kg	1,379 kg
Kerb weight auto	1,412 kg	-

¹ Fuel consumption figures are based on ADR81/02 test results. They are useful in comparing the fuel consumption of different vehicles. They may not be the fuel consumption achieved in practice. This will depend on traffic and road conditions and how the vehicle is driven.

² Leather interior includes some Maztex material on selected high impact surfaces