

Mazda RX-8



Shown with optional body kit.

zoom zoom zoom



Shown with optional body kit.



It's a sports car like no other that combines coupe styling with four-door practicality. It not only takes corners with perfect balance, it can take three passengers along for an unforgettable ride. Add a revolutionary rotary engine that delivers exhilarating, turbine-like power and you have a truly unique sports car delivering you the purest expression of Zoom-Zoom. ◀





Exhilarates all the way to 9000rpm.

The uniquely thrilling RENESIS rotary engine powers the RX-8 experience. Free-revving, turbine smooth and highly responsive, this twin-rotor power plant delivers a heady 9000rpm of driving enjoyment. It's the result of over 40 years of research conducted by Mazda into rotary design. With a high-efficiency six-port intake system it not only optimises power output, but also fuel consumption. A newly-developed Electric Metering Oil Pump (E-MOP) delivers oil with maximum accuracy, enhancing lubrication and cold start up. In manual models it develops 170kW of power and 211Nm of torque, in the Activematic 158kW and 211Nm. These figures are made

even more impressive by the fact that the RENESIS rotary is far smaller and also much lighter than a piston engine. This not only heightens performance, but also allows for a front-midship layout that improves handling agility. A choice of equally sporty transmissions makes the most of the rotary engine's high performance. The 6-speed manual gives you fast, short-throw shifts between closely stacked ratios that deliver sharp acceleration. Choose the 6-speed Activematic and you can either cruise with automatic ease, or take full manual control through the steering wheel-mounted paddles or the responsive shifter. Direct Mode enables even greater control, letting you shift down via the paddles without changing from automatic to manual mode. Perfect for situations such as overtaking. No matter what gear you select, the excitement keeps coming all the way to 9000rpm. ◀



◀ Click with it.

Paddles on steering wheel make Activematic gear shifts even more involving.



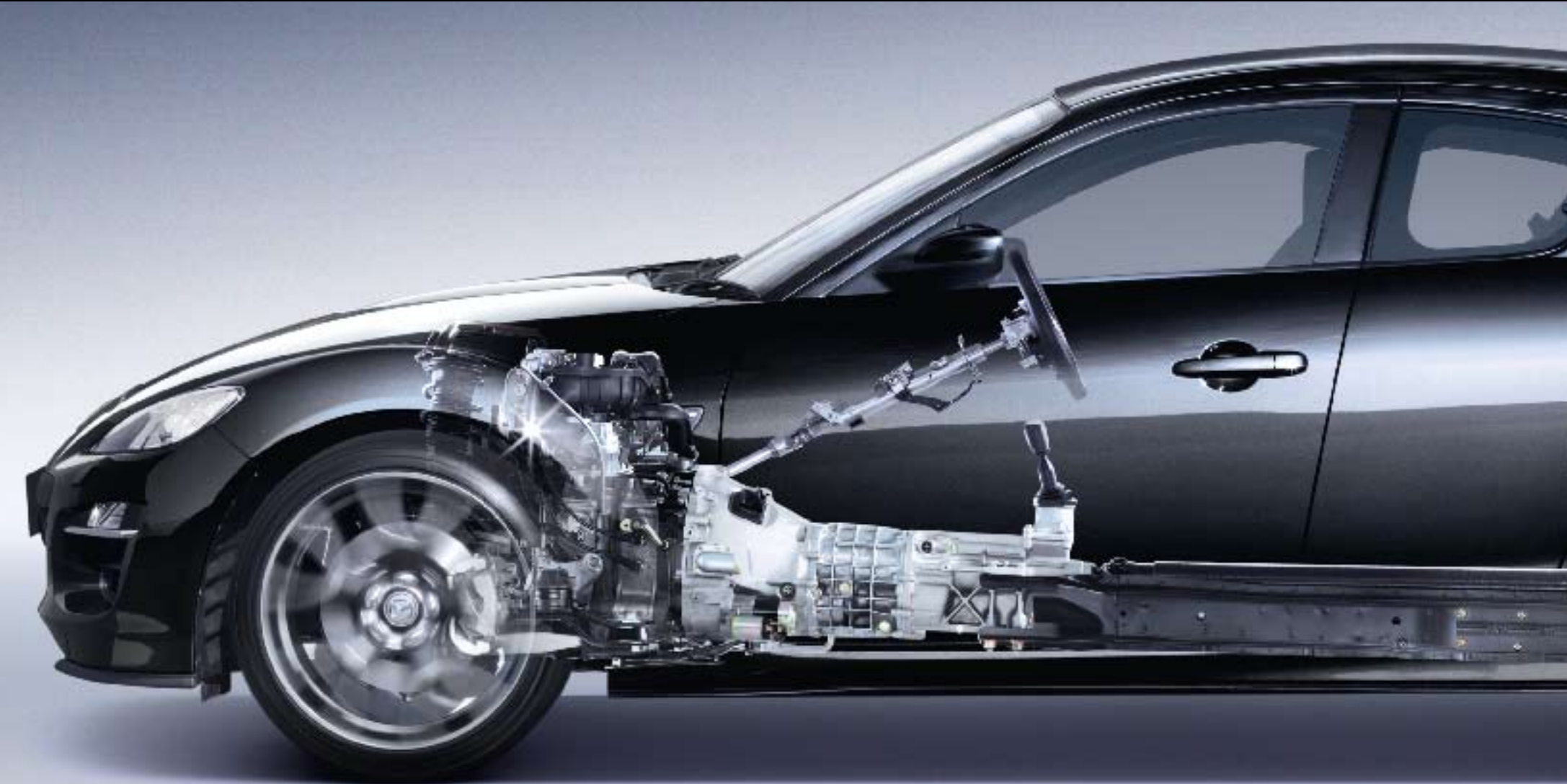
▲ Select excitement.

6-speed manual gives crisp, sporty shifts. 6-speed Activematic offers automatic ease or manual involvement. Its automatic mode adapts to your driving style, reducing fuel consumption and engine wear.



◀ Plenty to get revved up about.

Unique rotary engine delivers free-revving thrills. Manual models boast 170kW of power and 211Nm of torque. Activematic model has 158kW and 211Nm.





Big on control.
Distinctive 18-inch alloy wheels for superior handling.



Grabs you at the first turn.

The rotary engine that makes Mazda RX-8 so exhilarating to wind through the gears also makes it a thrill to thread along a winding road. The compact RENESIS power plant is mounted low down, behind the front wheels. This front-midship layout achieves perfect 50:50 weight balance and a low centre of gravity. So at every corner RX-8 turns in sharply, carves through with poise and leaves you smiling on exit. RX-8's precise handling also stems from an extremely stiff body. Exceptional torsional rigidity creates a strong platform for suspension that's been tuned to keep you fully in touch with the road.

Up front, lightweight aluminium double wishbones maximise steering and handling accuracy, while at the rear a multi-link design provides remarkable stability. But this sports car control doesn't come at the cost of harshness, as superb damping means progress is always refined. Your connection to the road is further enhanced by RX-8's steering. An electric power assist system results in informative feel, with far less kickback than a hydraulic set up. RX-8 has braking power in keeping with its performance, thanks to four large ventilated discs backed up by an Anti-lock Braking System (ABS). Adding to your confidence is Dynamic Stability Control (DSC). This system works to prevent skidding, by managing power transmission to the torque-sensing Limited Slip Differential (LSD), as well as braking effort to each wheel. RX-8's DSC has the option of partial or full disengagement, giving skilled drivers the ability to explore handling limits under controlled, racetrack conditions. ◀

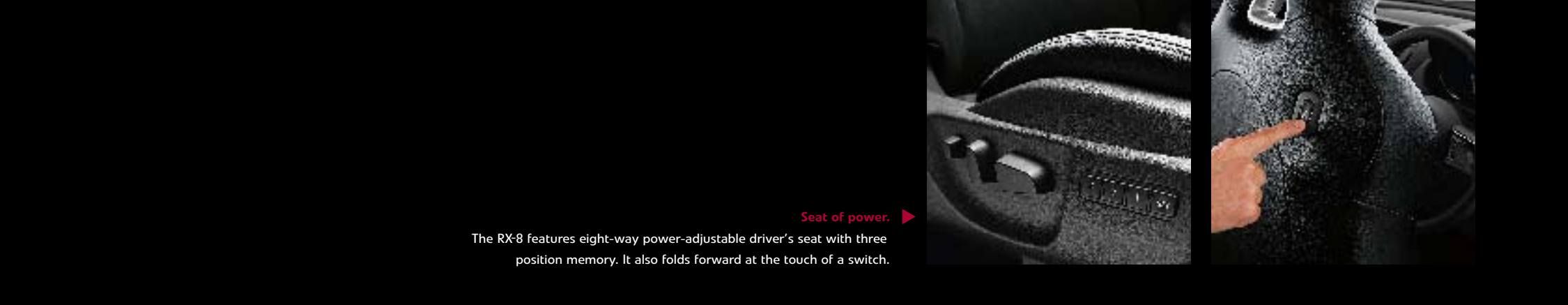
Beautifully balanced.
50:50 weight distribution, low centre of gravity and sports tuned suspension result in precise, controlled handling.



◀ **DSC does as you say.**
Handy button gives you full control over DSC function.







Seat of power. ▶
The RX-8 features eight-way power-adjustable driver's seat with three position memory. It also folds forward at the touch of a switch.



Take your seats, the fun's about to start.

While Mazda RX-8 treats the driver to an exhilarating experience, it's a sports car that actually welcomes passengers along too. Its unique Freestyle Door System removes the need for centre pillars. This enables RX-8's sporty coupe shape to provide four doors along with ample space for four adults. The amazing compactness of the RENESIS rotary engine also helps, by freeing up extra space in the cabin. To ensure maximum passenger enjoyment, special attention has been paid to the seat design. Front seats have been shaped to hold occupants securely during spirited driving, while also providing exceptional comfort. Seats are trimmed in premium grade leather,* the driver's seat having eight-way power

adjustment. It also remembers the favourite seating positions of up to three drivers, applying them at the push of a button. A switch at the back of the driver's seat also makes rear access easy, initiating a powered folding operation. The passenger seat folds forward at the simple pull of a lever, as do both front seats in the RX-8 model. Rear passengers will also appreciate the slim design of the front headrests, which allows an excellent view out and creates a greater sense of space. ◀

*Leather interior includes some Maztex material on selected high impact surfaces.



▲ **Gets a hold on you.**
Sporty front seats are shaped to hold you firmly yet provide superb levels of comfort.



◀ **Chase the sun.**
Manual and Automatic models are equipped with a power-operated sun-roof.



All set for take off.

Mazda RX-8 puts you intimately in touch with the action. All controls fall to hand naturally and have the precision feel you'd expect of such a driver-orientated machine. The sporty, blackout style instrument cluster conveys vital information at a glance. Its central tachometer incorporates an illuminated red zone that moves with engine temperature, adding to your connection with the RENESIS engine's performance. The three-spoke steering wheel is trimmed in leather and gives reassuring grip during keen driving. Enthusiastic drivers will also appreciate the aluminium pedals, which are perfectly positioned for heel-and-toe gear changes. Throughout RX-8's interior, high levels of quality and craftsmanship create a sense of occasion. In every model standard climate control is equipped with a pollen filter and automatically maintains your preferred cabin

temperature. To accompany the ultimate driving experience, the RX-8 features a superb 300 watt Bose® amplifier with AudioPilot® noise compensation technology, and nine speakers. All models include an auxiliary jack for connecting portable audio players, such as an iPod. Whether manual or automatic, you'll enjoy high levels of convenience, as the cabin offers courtesy lights, integrated cup holders and a useful range of storage areas. The surprising practicality extends to the boot, where 290 litres of space can accommodate two golf bags or two full size suitcases. ◀



▲ **Living space.**
Large rear tunnel console helps to make life easy. Boot through box lets you carry awkward or large items.

▶ **Tuned in.**
Auxiliary jack connects portable audio players. Recharge portable devices with 12V power outlet.



◀ **Bags of room.**
This sports car has plenty of space for your gear to go along.



Shown with optional body kit

Reinforced confidence. ▶
Lightweight Freestyle doors incorporate virtual B-pillars which are stronger than conventional door pillars. They work with the Mazda Advanced Impact Distribution and Absorption System (MAIDAS) to protect the passenger cell from impact energy.



Enjoy performance with confidence.

The secure handling, powerful braking and responsive steering of Mazda RX-8 inspire great confidence. As does the knowledge that the latest safety technology is looking out for you. The extremely strong body-shell integrates the Mazda Advanced Impact Distribution and Absorption System (MAIDAS). This boosts the protection offered by the highly rigid passenger cell, by absorbing and redirecting impact energy away from it. All models feature six SRS airbags, comprising front, side and head-protecting curtain airbags. There's also the reassurance of DSC incorporating traction control, which works with the LSD and brakes to maintain grip in all conditions. ABS is standard in all models, as is Electronic Brake-force Distribution (EBD), which adjusts braking force according to vehicle load, for optimum stopping efficiency. A collapsible brake pedal works to reduce leg injuries, by resisting rearward movement in an accident. Front seat belts feature pretensioners and load-limiters. Both rear seats have child seat fittings. RX-8 is strong on theft protection too, with remote control central locking and an engine immobiliser.

As a high performance vehicle, Mazda RX-8 deserves the best of care. And that's why every Mazda RX-8 comes with mazdacare as standard. You and your car are taken care of with a Mazda Genuine Factory Warranty and mazda **on call** Roadside Assistance for a 3 year, unlimited kilometre period. And best of all mazdacare gives you Genuine Scheduled Servicing for 3 years, or 100,000kms (whichever comes first). So as well as having access to a comprehensive service program where factory-training technicians equipped with one of the world's most advanced computer diagnostic systems ensure your Mazda RX-8 continues to perform in A1 condition, you'll be protecting your investment in a vehicle that already has outstanding resale value. ◀

For more information on mazdacare, see the owner documents or go to www.mazda.co.nz.



▲ **Airbags all around.**
Six SRS airbags provide high levels of passenger protection.



◀ **Safe in all areas.**
Shock Cone Aluminium Bonnet minimises the risk of pedestrian head injuries with shock-absorbing cones.



Specifications.

Powertrain		
Engine type	Front-midship RENESIS – 2 rotors in-line, naturally aspirated, multi-sideport	
Engine capacity	1,308 (654 x 2) cc	
Compression ratio	10.0 : 1	
Maximum power	man	170 kW @ 8,200 rpm
	auto	158 kW @ 7,500 rpm
Maximum torque	man	211 Nm @ 5,500 rpm
	auto	211 Nm @ 5,500 rpm
Fuel system		
Fuel system	Multipoint electronic fuel injection	
Fuel tank capacity	65 litres	
Recommended fuel	Premium unleaded (min. 95RON)	
Fuel consumption*1	man (combined)	12.9 litres per 100 km
	auto (combined)	12.1 litres per 100 km
Manual transmission		
Manual transmission	6-speed	
Activematic (auto) transmission		
Activematic (auto) transmission	6-speed	
Gear ratio – man/auto		
	1st	3.815/3.538
	2nd	2.260/2.060
	3rd	1.640/1.404
	4th	1.259/1.000
	5th	1.000/0.713
	6th	0.787/0.582
	reverse	3.603/3.168
	final drive	4.777/4.300
Chassis		
Brake type	front	Ventilated disc
	rear	Ventilated disc
Brake diameter	front	323 mm
	rear	302 mm
Shock absorbers	type	Standard
Steering type	Electric power assist steering	
Suspension	front	Double wishbone
	rear	Multi-link
Turning circle	kerb to kerb	10.6 m
Tyre size	225/45 R18 91W	
Weight distribution	front : rear	50:50
Wheel size	18 x 8.0 J	
Wheel type	Alloy	

Exterior		
Aerial printed into rear glass		✓
Fog-lamps (front)		✓
Freestyle door system		✓
Front and rear bumpers (body coloured)		✓
Green tinted windscreen, side and rear windows		✓
Headlamps (Xenon) with auto-levelling and washer function		✓
Power mirrors (body coloured and heated)		✓
Power sliding glass sun-roof		✓
Power windows with accessory delay function		✓
Rear door flip-type quarter window		✓
Suspension strut tower brace bar (front)		✓
Interior		
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		✓
	ignition key surround	✓
	map reading spot lamps	✓
	power window switch (driver)	✓
Interior release for fuel filler door and boot lid		✓
Leather-wrapped:	gear shift knob	✓
	handbrake handle	-
	steering wheel	✓

Lights-left-on audible warning		✓
Low fuel warning light		✓
Oil pressure gauge		✓
Paddle shift gear control	auto only	
Passenger assist grip (front)		✓
Puncture repair kit and compressor		✓
Seat trim:	leather*2	✓
Seats (front) with:	3-position memory	
	function (driver)	✓
	8-way power	
	adjustment (driver)	✓
	height adjustment (driver)	✓
	integral head restraints	✓
	lumbar adjustment (driver)	✓
	power fold function (driver)	✓
	quick fold function (driver)	-
	quick fold function (passenger)	✓
	rake and slide adjustment	✓
	seat back pocket (passenger)	✓
Seats (rear) with:	integral head restraints	✓
	lockable and removable	
	boot through box	✓
Tachometer, temperature gauge, electronic speedometer and odometer/tripmeter		✓
Tilt adjustable steering wheel		✓
Vanity mirrors (driver and front passenger) with illumination		✓
Ventilation pollen filter		✓
Window demister (rear)		✓
Wipers (front) 2-speed with variable intermittent function		✓
Audio		
AM/FM tuner		✓
Auxiliary input (3.5mm MP3 player compatible) and 12 volt power outlet		✓
CD player, in-dash 6-disc (MP3 compatible)		✓
Premium Bose® 300 watt amplifier and speakers		✓
Speakers, number of	9	
Steering wheel mounted audio controls		✓

Safety		
Airbags SRS:	front (driver and passenger)	✓
	side (front)	✓
	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 (front) with pretensioners and load-limiters		✓
Seat belts 3-point lap-sash (all seats)		✓
Side impact door beams		✓
Traction Control System (TCS)		✓
'Triple H' safety construction with front and rear crumple zones		✓
Whiplash-minimising front seats		✓
Dimensions		
Ground clearance	laden	101 mm
Overall height		1,340 mm
Overall length		4,470 mm
Overall width		1,770 mm
Track	front	1,500 mm
	rear	1,505 mm
Wheelbase		2,700 mm
Cargo room	volume (VDA)	290 litres
Kerb weight	man	1,402 kg
	auto	-
		1,412 kg

*1 Fuel consumption figures are based on ADR81/01 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. Specifications, features and model availability may vary from Dealer to Dealer and may change without notice. Please refer to mazda.co.nz or consult your Mazda Dealer prior to placing an order to ascertain current information on model availability, specifications, options, features and prices. Mazda Motors of New Zealand Limited will not be liable for any loss arising from the information in this brochure whether in negligence or otherwise. Mazda Motors of New Zealand Limited, PO Box 132 057, Sylvia Park, Auckland 1644. Due to the nature of the printing process colours may vary from those shown in this brochure. Ask your Dealer to show you a product sample. Published August 2008. MZ4900498.

For further information visit mazda.co.nz or Free Phone 0800 800 626.

Mazda RX-8



RX-8

Unique rotary-powered thrills and superbly balanced handling. Combine this with four-door, four-seat convenience and it's a sports car like no other.

- Front-midship RENESIS – 2 rotors in-line, naturally aspirated, multi-sideport
- 170 kW @ 8,200 rpm and 211 Nm @ 5,500 rpm
- 6-speed manual
- 18 inch alloy wheels
- Headlamps (halogen)
- Air-conditioning (climate control)
- Cruise control
- Leather-wrapped steering wheel and gear shift knob
- Seat trim: cloth
- Seats (front) with: height adjustment (driver) and seat back pocket (passenger)
- AM/FM tuner with CD player, in-dash 6-disc (MP3 compatible) and 6 speakers
- Auxiliary input (3.5mm MP3 player compatible)
- Airbags SRS: front, side and curtain
- Anti-lock Braking System (ABS)
- Dynamic Stability Control (DSC)
- Electronic Brake-force Distribution (EBD)
- Limited Slip Differential (LSD) torque-sensing
- Traction Control System (TCS)



RX-8 Luxury

Enjoy RX-8 performance and even more comfort at the same time. A range of luxurious appointments make the drive feel extra special.

- Front-midship RENESIS – 2 rotors in-line, naturally aspirated, multi-sideport
- 170 kW @ 8,200 rpm and 211 Nm @ 5,500 rpm (man)
- 158 kW @ 7,500 rpm and 211 Nm @ 5,500 rpm (auto)
- 6-speed manual
- 6-speed Activematic (optional)
- 18 inch alloy wheels
- Fog-lamps (front)
- Headlamps (xenon low beam) with auto-levelling and washer function
- Power sliding glass sun-roof
- Air-conditioning (climate control)
- Aluminium pedals and footrest
- Cruise control
- Leather-wrapped steering wheel and gear shift knob
- Paddle shift gear control (auto only)
- Seat trim: leather*2
- Seat (driver) with: 3-position memory function, 8-way power adjustment and power fold function
- Seats (front) with: height adjustment (driver) and seat back pocket (passenger)
- AM/FM tuner with CD player, in-dash 6-disc (MP3 compatible)
- Auxiliary input (3.5mm MP3 player compatible)
- Premium Bose® 300 watt amplifier and 9 speakers
- Airbags SRS: front, side and curtain
- Anti-lock Braking System (ABS)
- Dynamic Stability Control (DSC)
- Electronic Brake-force Distribution (EBD)
- Limited Slip Differential (LSD) torque-sensing
- Traction Control System (TCS)



RX-8 GT

If you like your sports cars leaner and meaner, RX-8 GT is for you. A host of styling and dynamic enhancements heighten the excitement.

- Front-midship RENESIS – 2 rotors in-line, naturally aspirated, multi-sideport
- 170 kW @ 8,200 rpm and 211 Nm @ 5,500 rpm
- 6-speed manual
- 19 inch alloy wheels
- Bilstein shock absorbers
- Aero bumper (front), side skirts and rear spoiler
- Fog-lamps (front)
- Headlamps (xenon low beam) with auto-levelling and washer function
- Air-conditioning (climate control)
- Aluminium pedals and footrest
- Cruise control
- Leather-wrapped steering wheel, gear shift knob and handbrake handle
- Seat trim: leather*2/cloth
- Seat type (front): RECARO
- AM/FM tuner with CD player, in-dash 6-disc (MP3 compatible) and 6 speakers
- Auxiliary input (3.5mm MP3 player compatible)
- Airbags SRS: front, side and curtain
- Anti-lock Braking System (ABS)
- Dynamic Stability Control (DSC)
- Electronic Brake-force Distribution (EBD)
- Limited Slip Differential (LSD) torque-sensing
- Traction Control System (TCS)

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