

Colours and Seat Trims.

Trim	Black cloth	Black leather*	Red/Black leather*
Environment Colour	Black	Black	Black

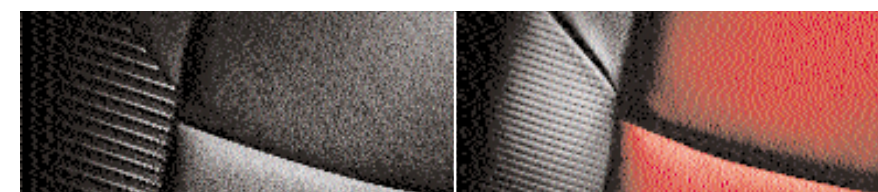
Solid Body Colours

Lightning Yellow (A4J)	●	●	–
Brilliant Black (A3F)	●	●	●

Metallic/Mica Body Colours*

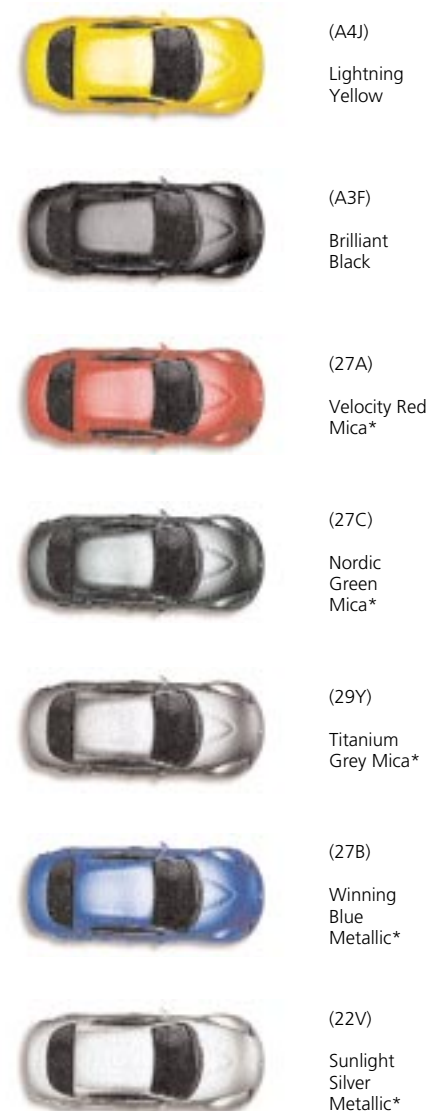
Velocity Red Mica (27A)	●	●	●
Nordic Green Mica (27C)	●	●	–
Titanium Grey Mica (29Y)	●	●	–
Winning Blue Metallic (27B)	●	●	–
Sunlight Silver Metallic (22V)	●	●	–

*Metallic/Mica paint and leather upholstery are options at extra cost.
● = Available; – = Not available



Black cloth

Red/Black leather
Black leather



(A4J)

Lightning Yellow

(A3F)

Brilliant Black

(27A)

Velocity Red Mica*

(27C)

Nordic Green Mica*

(29Y)

Titanium Grey Mica*

(27B)

Winning Blue Metallic*

(22V)

Sunlight Silver Metallic*

The Mazda Warranties.

Warranty Plus – 3-Year Cover.

Every Mazda is designed and built to the highest standards of performance, comfort and reliability. For your further reassurance, Mazda also provides a full 3-year/60,000-mile¹ warranty cover including Mazda European Assistance and a 12-year anti-perforation warranty.

¹ There is no mileage limit during the first year of the warranty.

Mazda Momentum – New Vehicle Extended Warranty.

At any time during the manufacturer's warranty period you may purchase a Mazda Momentum extended warranty package.

Three options are available. Your Mazda dealer will be pleased to provide you with details.

Accessories.

There is a full range of Mazda genuine accessories for each Mazda model. For more information, contact your Mazda dealer.

Mazda Credit.

Mazda Credit* provides a comprehensive range of finance plans which include:
Mazda MultiOption – A flexible and cost-effective method of funding a Mazda.
Mazda Hire Purchase – A simple, straightforward and traditional funding plan.
Mazda Business Partner – A range of finance solutions for business customers.

Mazda Insurance.

Mazda Insurance offers a range of motor-related insurance products to protect you and your car. For total motoring peace of mind, please ask your Mazda dealer for details.

Tax-Free Personal Export, Diplomatic and Military Sales.

Significant savings are available for those who qualify, with schemes tailored to suit individual needs. For further information, contact your Mazda dealer or contact Mazda Tax Free Sales on 01932 335132.

Motability.

For all Motability enquiries, please contact Mazda on 08457 484848.

Your Mazda dealer:

Mazda Motors UK Limited reserves the right to introduce changes in specification and equipment due to its ongoing product development. Colour and trim samples within this brochure may vary from the actual colours because of the limitations of the printing process. It is recommended that you consult your Mazda dealer when referring to these.

*Finance subject to status. Guarantees/Indemnities may be required.

Written quotations: Mazda Credit UK, Central Office, Eagle Way, Brentwood, Essex CM13 3AR

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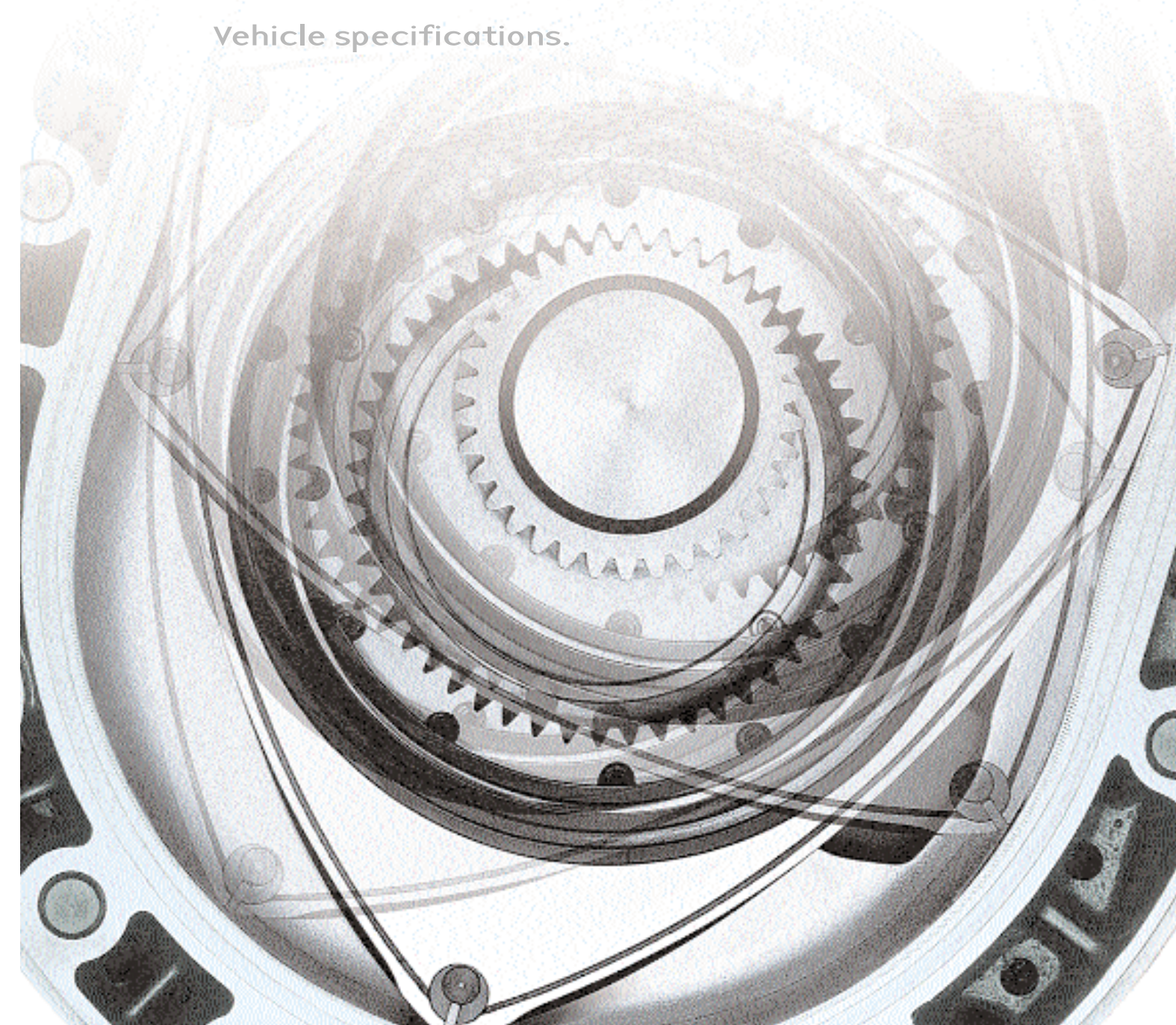
Internet: www.mazda.co.uk
Mazda Helpline: 08457 484848



Mazda RX-8

Vehicle specifications.

Part No. MCAG1063B 12/03 (BINR 18603/UK)



ZOOM-ZOOM

Mechanical Features.

Engines:

- RENESES rotary engine available with either 192 ps or 231 ps
- Two 654 cc rotor units
- 3-way catalytic converter with feedback loop
- Multi side port with side intake, side exhaust configuration
- Ignition system: Distributor-less
- Recommended fuel: Unleaded fuel (min 95 RON)
- Alternator: 12-100A
- Starter: 12V, 1.4 kW
- Battery: 12V 70AH DIN 57029
- Emissions Standard Euro IV

Body:

- Light, highly rigid body structure for superior handling stability
- High-tensile steel reinforcing members in front and rear doors for side-impact protection
- 'Freestyle' door system for increased access to interior cabin
- Use of aluminium construction for reduced bodyweight

Powertrain:

- Transmission: 5MT for 192 ps version, 6MT for 231 ps version
- Rear-wheel drive
- Clutch type: Single dry plate

Chassis and Suspension:

- Double-wishbone front suspension
- Multi-link rear suspension
- Shock absorber type: Telescopic, oil and gas filled
- Sport suspension

Steering:

- Electric power steering: Engine speed sensing
- Type: Rack and pinion
- Steering ratio: 15.0
- Turns, lock-to-lock: 2.98
- Min. turning circle: Kerb-to-kerb 5.3 m, wall-to-wall 5.6 m

Brake System:

- Anti-lock Braking System (ABS) with Electronic Brake-force Distribution (EBD)
- Front and rear: Ventilated discs
- Mechanical parking brake acting on rear wheels



Technical Data.

Dimensions and Weights	Mazda RX-8 (190)	Mazda RX-8 (230)
Wheel size	18x8J	18x8J
Tyre size	225 / 45 R18	225 / 45 R18
Overall length with licence plate holder/width/height unladen (mm)	4430 / 1780 / 1340	4430 / 1780 / 1340
Unladen ground clearance (mm) between the axles	140	140
Front track / Rear track (mm)	1500 / 1505	1500 / 1505
Wheelbase (mm)	2700	2700
Front headroom / leg room / shoulder room (mm) (without sunroof)	970 / 1084 / 1393	970 / 1084 / 1393
Front headroom / leg room / shoulder room (mm) (with sunroof)	932 / 1084 / 1393	932 / 1084 / 1393
Rear headroom / leg room / shoulder room (mm) (without sunroof)	935 / 817 / 1395	935 / 817 / 1395
Rear headroom / leg room / shoulder room (mm) (with sunroof)	927 / 817 / 1395	927 / 817 / 1395
Cargo area volume, according to VDA (l) (accommodates full set of golf clubs)	290	290
Ventilated front disc diameter (mm)	323	323
Ventilated rear disc diameter (mm)	302	302
Kerb weight (kg) without driver	1390 (max)	1394 (max)
Permitted gross vehicle weight (kg)	1815	1820
Towing limit	700	700
	– unbraked	– unbraked
	– braked (12% gradient)	– braked (12% gradient)
Maximum roof load (kg)	75	75
Engine oil capacity (l)	6.7	6.7
Coolant capacity (l)	8.7	8.7
Fuel tank capacity (l)	61	61

Engine

Displacement (cc)	2 x 654	2 x 654
Maximum output [PS @ rpm (kW)]	192 @ 7000 (141)	231 @ 8200 (170)
Maximum torque (Nm / rpm)	220 / 5000	211 / 5500
Compression ratio	10:1	10:1
Redline (rpm)	7500	9000

Transmission

Gear ratios:		
1st	3.483	3.760
2nd	2.015	2.269
3rd	1.484	1.645
4th	1.000	1.187
5th	0.762	1.000
6th	–	0.843
Rev.	3.288	3.564
Final gear ratio	4.444	4.444

Performance and Economy

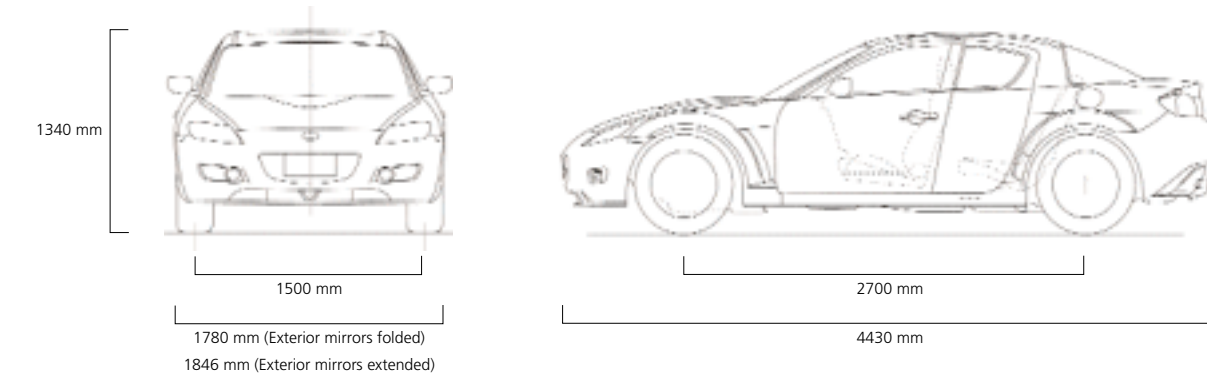
Acceleration (0-62 mph in sec)	7.2	6.4
Top speed (mph)	139	146
Fuel consumption ¹⁾ [mpg (l / 100 km)]		
– Urban	19.0 (14.9)	18.1 (15.6)
– Extra Urban	34.9 (8.1)	32.5 (8.7)
– Combined	26.7 (10.6)	25.2 (11.2)
CO ₂ emissions ¹⁾ (g / km)	267	284
Stopping distance (m) 62-0 mph	36	36
Coefficient of drag (CD)	0.30	0.30

¹⁾Fuel consumption and CO₂ emission values according to 80/1268 EWG (1999/100/EC).

Equipment.

Safety and Security

	Mazda RX-8 (190)	Mazda RX-8 (230)
4-wheel disc brakes (front and rear ventilated)	●	●
Anti-lock Braking System (ABS) with Electronic Brake-force Distribution (EBD)	●	●
Dynamic Stability Control (DSC)	●	●
Super LSD (limited-slip differential)	●	●
Front airbags (driver and passenger)	●	●
Side airbags (driver and passenger)	●	●
Curtain airbags (driver and passenger)	●	●
Passenger airbag deactivation system	●	●
Intrusion-minimising brake pedal	●	●
Front seat belt pre-tensioners and load limiters	●	●
ISOFIX child seat anchorages on rear seats	●	●
Thatcham Category 1 alarm (with intruder sensor) and immobiliser	●	●
Remote central door locking with deadlocking	●	●



Exterior

	Mazda RX-8 (190)	Mazda RX-8 (230)
Tyres and wheels:	225/45 R18 with 18x8J aluminium wheels	●
	Emergency tyre repair kit (in lieu of spare wheel)	●
Rear quarter windows: Flip open	●	●
Rear heated glass window	●	●
Headlights:	Halogen	–
	Xenon	●
Headlight levelling:	Manual	–
	Automatic	●
Headlight washer jets	–	●
Rear brake light, high-mounted, rear fog light	●	●
Front fog lights	●	●
Electric heated door mirrors, body colour housings, driver's wide angle with 'puddle' lights	●	●
Bumper, front and rear: Body colour	●	●
Doors: 'Freestyle' door system	●	●
Door outer handle: Body colour	●	●
Scuff plates: Aluminium	●	●
Rear lip spoiler	●	●
Sunroof, electric	○	○
Body colour fuel filler cap	●	●

● = Standard; ○ = Option, at extra cost; – = Not available

Comfort and Convenience

	Mazda RX-8 (190)	Mazda RX-8 (230)
Power steering	●	●
Electric windows with one-touch auto down on driver's side	●	●
Air conditioning: Climate control	●	●
Footrest, carpet (driver's side)	●	–
Footrest, aluminium (driver's side)	–	●
Aluminium pedal set	–	●
Sunvisors, with illuminated vanity mirrors	●	●
Boot lid, remote opening (electric)	●	●
Fuel cap, remote opening (cable)	●	●
Remote central door locking with illuminated ignition key	●	●

Interior Features

Seats and integral head restraint:	Front, bucket seats with integral head restraints	●	●
	Driver's, dial reclining and height adjustment	●	●
	Cloth, black ²⁾	●	●
	Leather upholstery ²⁾ leather option includes driver's power seat, front heated seats and leather upholstery	○	○
	Rear seats, 'boot through' box in centre	●	●
Steering wheel:	Leather-wrapped with tilt adjustment	●	●
Shift knob:	Leather-wrapped with aluminium insert	●	●
Door inner handles:	Front, chromed. Rear, black	●	●
Instrumentation:	Tachometer, digital speedometer, fuel gauge, engine oil-pressure gauge, water temperature gauge, metallic meter rings, digital exterior temperature indicator	●	●
Warning lights:	Brake system, charging system, SRS, ABS, passenger airbag deactivation system, immobiliser, oil low, seat belt reminder, fuel low	●	●
Panel light control with dimmer		●	●
Headlight On reminder (sound warning)		●	●
Audio:	Premium Bose audio with 6-CD autochanger, AM/FM radio and nine speakers	●	●
	DVD satellite navigation system (with leather option only)	○	○
Antenna:	Rear window	●	●
Digital clock		●	●
Centre console:	Front and rear	●	●
Interior light, dome with integral spotlight		●	●
Courtesy lights, front doors		●	●
Luggage compartment light		●	●
Inner mirror (day/night)		●	●
Storage space:	Glovebox, lockable with illumination	●	●
	Seat-back pocket (passenger's side)	●	●
	Rear console box with lid	●	●
	Door pockets (front)	●	●
Wiper, 2-speed with intermittent wipe and wash		●	●
Electric horn		●	●
Cigar lighter and illuminated front ashtray		●	●
Grab handle, front passenger's		●	●
Cup holders, two front and two rear		●	●
Heater controls, power-operated		●	●
Heater ducts, rear		●	●
Pollen filter		●	●

²⁾See Colours and Seat Trims availability on page 7.
● = Standard; ○ = Option, at extra cost; – = Not available