2009 RX-8

SPECIFICATIONS & FEATURES DECK

*** Information contained herein is subject to change without notice.**
E. & O. E.

Date: March 20, 2008

2009 Mazda RX-8 Product Changes

New Standard Equipment

- Audio auxiliary input
- Automatic on/off front headlamps
- Automatic climate control
- Auto dimming mirror with Homelink
- Anti-theft alarm system
- MP3 read capability on CD changer
- Intelligent Key System (keyless entry and start)
- Rain sensing wipers
- Power windows with global open & close
- Rear lip spoiler & mud guards (not available AT models and R3)
- Recline levers for front passenger seat added for easier ingress/egress of rear seats
- Improved fuel tank size 64L

We are also pleased to add a new sport oriented R3 model to compliment our lineup.

R3 Model includes:

GS features plus:

- Sport integrated front bumper and side skirts
- Raised rear spoiler
- Unique design 19-inch lightweight forged alloy wheels
- Headlights - xenon HID
- Lightweight Recaro seat
- Dynamic Stability Control (DSC) with Traction Control System (TCS)
- Sport suspension including Bilstein dampers & urethane foam filled front suspension cross members
- Leather covered parking lever, steering wheel & shift knob with red stitch
- Bluetooth capability

GT New Equipment

- Power memory driver's seat
- Bluetooth capability
- Sirius ready integrated satellite radio
- Leather wrapped parking lever
- Moonroof (Standard)
- Push button power forward on driver seat for easier ingress/egress of rear seats (GT only)

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For reference: 2009 MY RX-8 "R3"

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2009 Mazda RX-8 Colour Guide

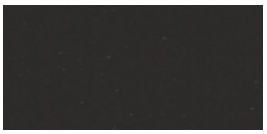
Exterior:

Removed:

-
  Stormy Blue Mica

Winning Blue Mica

Added:

- 
  Sparkling Black Mica

Electric Blue

Diamond Grey Mica

Disclaimer

This colour guide has been added to facilitate the ordering process. Although we have made every effort to match the colour and fabric, we cannot guarantee the images above are their exact equivalent.

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2009 Mazda RX-8 Colour Guide

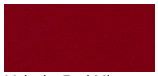
Exterior:

Brilliant Black

Crystal White Pearl

Galaxy Grey Mica

Sunlight Silver Metallic


Velocity Red Mica

Electric Blue Mica

Diamond Gray Mica

Sparkling Black Mica

Interior:

Cloth

GS

Bolster

Inserts

Black

R3

Bolster

Inserts

Black/Recaro

Leather

GT

Bolster

Inserts

Beige

Bolster

Inserts

Black

Bolster

Inserts

Red

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2009 Mazda RX-8 Colour & Trim:

Exterior Colour	INTERIOR COLOURS		
	GS CLOTH	R3 CLOTH/LEATHER	GT LEATHER
Brilliant Black	Black	Black/Recaro	Black
Crystal White Pearl	Black	Black/Recaro	Black
Galaxy Grey Mica	Black	Black/Recaro	Black
Sunlight Silver Metallic	Black	Black/Recaro	Black
Velocity Red Mica	Black	Black/Recaro	Red
Electric Blue Mica*	Black	Black/Recaro	Black
Diamond Grey Mica*	Black		Black
Sparkling Black Mica*	Black	Black/Recaro	Beige

* New Colours for 2009 RX-8

2009 Mazda RX-8 Model Line-up:

Trim Grade	Model Description	
GS	6MT	
R3	6MT	
GT	6MT	
	6MT	Navigation System
	6AT	
	6AT	Navigation System

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2009 Mazda RX-8 Specifications

Engine

Type	1.3L Rotary engine

	6-Speed *Sport* Mode AT	6-Speed MT
Horsepower SAE net hp	212 @ 7500 rpm	232 @ 8500 rpm
Torque SAE net lb.ft.	159 @ 5500 rpm	159 @ 5500 rpm
Redline	7500 RPM	9000 RPM
Displacement	654cc x 2	
Compression ratio	10.0:1	
Fuel system	Electro magnetic	
Recommended fuel	Premium unleaded	

Drivetrain

Type	Front rotary engine / rear-wheel drive
Transmission	6-speed ***Sport*** mode automatic transmission with paddle shifters 6-speed manual with short throw shifter

Gear ratios:	**6 *Sport* mode AT**	**6 MT**
1st	3.538	3.815
2nd	2.060	2.260
3rd	1.404	1.536
4th	1.000	1.177
5th	0.713	1.000
6th	0.582	0.787
Reverse	3.168	3.603
Final drive	4.300	4.777
Clutch type	Single dry plate, diaphragm spring (Except AT)	

Suspension

Frame	Unit body (Monocoque), Power Plant Frame (PPF)
Suspension	Sport tuned suspension. Front independent double wishbone and rear multi-link suspension with gas-filled shock absorbers. Front strut tower bar. Front and rear stabilizer bars.
R3 suspension	Sport tuned suspension. Front independent double wishbone suspension with Bilstein dampers. Front suspension cross member with urethane fill. Rear multi-link suspension with Bilstein dampers. Front strut tower bar. Front and rear stabilizer bars.

Chassis

Steering	Direct drive electronically assisted steering
Steering ratio	16.43:1
Steering wheel turns	2.99 (lock to lock)
Min. turning circle	10.6 m curb to curb
Brakes	Power-assisted 4-wheel ventilated disc brakes Anti-lock Braking System with EBFD Dynamic Stability Control (DSC) - GT and R3 models
Wheels	18” aluminum alloy wheels (GS and GT) , 19" light weight forged alloy wheels (R3)
Tires	225/45R18 (GS/GT) and 225/40R19 (R3)
Curb weight	6 AT - 1,431 / 6 MT 1,410 kg

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2009 Mazda RX-8 Specifications

Electrical System

Battery	80D26L
Alternator	12 Volt - 110 A
Ignition system	Pointless

Capacities

Seating	4
Engine oil capacity	6.3L (AT) , 7.0L (MT)
Coolant capacity	8.7L (AT) , 8.9L (MT)
Washer fluid tank	5.5L
Fuel tank	64L

External Dimensions (mm)

Wheelbase	2,700
Track (Fr/Rr) (GS/GT)	1,500/1,505
Track (Fr/Rr) (R3)	1,505/1510
Overall length	4,470
Overall width	1,770
Overall height	1,340
Ground clearance	120

Internal Dimensions (mm)

Headroom (Fr/Rr)	932/927 w/ moonroof 970/935 w/o moonroof
Legroom (Fr/Rr)	1,084/817
Shoulder room (Fr/Rr)	1,393/1,395
Hip room (Fr/Rr)	1,355/1,222
Cargo volume	290L

Fuel Economy Ratings

	City	Highway
6-speed ***Sport*** mode AT	13.3 L/100 km	8.9 L/100 km
6-Speed manual	12.8 L/100 km	9.2 L/100 km

Estimated Performance Data

Acceleration MT (0 - 60 mph: sec)	6AT: 8.4, 6MT: 6.2, R3: 6.1
Coefficient of Drag (Cd)	6AT: 0.3, 6MT: 0.29 R3: 0.3
Weight Distribution % (fr/rr))	48/52

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2009 RX-8			
EQUIPMENT AND FEATURES	**GS**	**R3**	**GT**
Engineering Features			
1.3L Rotary engine	S	S	S
Variable dynamic effect intake system	S	S	S
6-speed manual transmission with short throw shifter	S	S	S
6-speed ***Sport*** mode automatic transmission with paddle shifters	--	--	O
Limited-slip rear differential	S	S	S
Dynamic Stability Control (DSC) with Traction Control System (TCS)	--	S	S
Direct drive electronically assisted steering	S	S	S
Power-assisted 4-wheel ventilated disc brakes	S	S	S
Anti-lock Brake System (ABS) with Electronic Brake Force Distribution (EBFD)	S	S	S
Front engine / rear-wheel drive	S	S	S
Front independent double wishbone suspension	S	S	S
Rear independent multi-link suspension	S	S	S
Sport-tuned suspension	S	--	S
Sport suspension including Bilstein dampers & urethane foam filled front suspension cross member	--	S	--
Front and rear stabilizer bars	S	S	S
Power Plant Frame (PPF)	S	S	S
Strut tower bar	S	S	S
Engine immobilizer theft-deterrent system	S	S	S
Exterior Features			
225/45 R18 Performance	S	--	S
18-inch aluminium alloy wheels	S	--	S
225/40 R19 Performance	--	S	--
Unique design 19-inch lightweight forged alloy wheels	--	S	--
Rear lip spoiler and rear double tire deflector (all 6MT except R3)	S	--	6MT
Rear spoiler (raised type)	--	S	--
Body-colour bumpers and door handles	S	S	S
Sport integrated front bumpers and side sills	--	S	--
Indoor high mount stop lamp	S	S	S
Dual body-colour power remote-control heated door mirrors	S	S	S
Headlights - halogen	S	--	--
Headlights - xenon HID	--	S	S
Automatic headlamp levelling	--	S	S
Automatic headlight washers	S	S	S
Automatic on/off front headlamps	S	S	S
Fog lights	S	S	S
Windshield with sunshade	S	S	S
Rain sensing wipers	S	S	S
Glass imprinted antenna	S	S	S
Dual outlet exhaust system (chrome garnish)	S	S	S
Interior Features: Comfort and Convenience			
AM/FM stereo with 6-disc in-dash CD changer, and BOSE premium audio system (includes 9 speakers), MP3	S	S	S
Audio auxiliary input	S	S	S
Cruise control	S	S	S
Steering wheel mounted cruise and audio controls	S	S	S
Air conditioning	S	S	S
Automatic climate control	S	S	S

S = Standard O = Optional

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2009 RX-8			
EQUIPMENT AND FEATURES	**GS**	**R3**	**GT**
Interior Features: Comfort and Convenience			
Micron air filter	S	S	S
Rear seat heater ducts	S	S	S
Rear window defroster	S	S	S
Power door locks (2 stage lock type)	S	S	S
Intelligent Key System (keyless entry and start)	S	S	S
Driver / front passenger illuminated power door lock switch	S	S	S
Central locking feature on driver's door	S	S	S
Remote fuel door and trunk lid releases	S	S	S
Internal trunk release	S	S	S
Power windows with global open & close	S	S	S
Driver / front passenger illuminated power window switch	S	S	S
Power operated glass moonroof	--	--	S
Ignition key illumination	S	S	S
Front door courtesy lamps	S	S	S
Illuminated entry	S	S	S
Cargo area light	S	S	S
Driver / passenger illuminated vanity mirrors	S	S	S
Auto-dimming rearview mirror with Homelink	S	S	S
Navigation system	--	--	O
Bluetooth capability	--	S	S
Sirius ready integrated satellite radio	--	--	S
Delayed fade out on interior lamps	S	S	S
Cup holders (2 front, 2 rear)	S	S	S
Map lamps	S	S	S
Aluminium foot pedals and left foot rest	S	S	6 MT only
Interior Features: Seat and Trim			
Reclining front bucket seats	S	S	S
Lightweight Recaro seats	--	S	--
Driver's manual seat lifter	S	--	--
Recline levers for front passenger seat	S	S	S
Push button power forward on driver seat	--	--	S
8-way adjustable power driver's seat with lumbar support	--	--	S
Power memory driver's seat	--	--	S
Heated front seats	--	--	S
Integrated head restraints for front seats	S	S	S
Floor mats	S	S	S
High grade cloth upholstery	S	--	--
Half leather seat upholstery	--	S	--
Cloth door panel trim - front and rear	S	S	--
Leather trimmed upholstery	--	--	S
Synthetic leather door panel trim - front and rear	--	--	S

S = Standard **O = Optional**

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2009 RX-8			
EQUIPMENT AND FEATURES	**GS**	**R3**	**GT**
Interior Features: Seat and Trim			
Leather wrapped 3-spoke steering wheel	S	--	S
Tilt adjustable steering wheel	S	S	S
Leather wrapped shift knob	S	--	S
Urethane wrapped parking lever	S	--	--
Leather wrapped parking lever	--	--	S
Leather wrapped parking lever, steering wheel & shift knob with red stich	--	S	--
Front door handles (bright finish)	S	S	S
Rear door handles (black finish)	S	S	S
Scuff plates with aluminium inserts	S	S	S
Interior Features: Safety and Security			
Side-impact door beams – front	S	S	S
Dual front airbags	S	S	S
Dual front side airbags	S	S	S
Dual front and rear side air curtains	S	S	S
Front safety-belt pretensioners with force limiters	S	S	S
3-point safety belts for all seating positions (2 front; 2 rear)	S	S	S
ISOFIX child safety-seat anchors	S	S	S
Anti-theft alarm system	S	S	S
Tire puncture repair kit	S	S	S
Interior Features: Instrument panel			
Outside ambient temperature indicator	S	S	S
12-volt power outlet with cigarette lighter	S	S	S
Blue LED concealed meter lighting with red night time gauge illumination	S	S	S
Black gauges with chrome bezels and white lettering	S	S	S
Tachometer (variable red-zone), engine coolant temperature gauge and fuel gauge	S	S	S
Twin trip odometers	S	S	S
Warning lights for low fuel level, washer fluid, door ajar, check engine, oil pressure, volts, parking brake, high beam, air bags & safety belts	S	S	S
Interior Features: Storage			
Front door storage pockets	S	S	S
Front driver seatback pocket	S	S	S
Coin box	S	S	S
Overhead console with sunglass storage	S	S	S
Centre console with power outlet (1)	S	S	S
Rear console	S	S	S
Lockable, illuminated glove compartment	S	S	S

S = Standard O = Optional

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2009MY RX-8 Equipment Walk

2009MY GS 6MT

Includes:

1.3L Rotary engine 232 HP @ 8500 rpm
159 Lb. Ft. of Torque @ 5500 rpm
18-inch aluminum alloy wheels
225/45 R18 performance radial tires
Leather wrapped 3-spoke steering wheel & shift knob
Scuff plates with aluminium inserts
Limited slip rear differential
Anti-lock Brake System (ABS) with Electronic Brake Force Distribution (EBFD)
Sport-tuned suspension
Aluminium foot pedals and left foot rest
Dual front and rear side air curtains
Dual front side-impact air bag supplemental restraint system (SRS)
Dual outlet exhaust system (chrome garnish)
AM/FM stereo with 6-disc in-dash CD changer
BOSE premium audio system with 9 speakers
MP3 read capability on CD changer
Audio auxiliary input
Air conditioning
Automatic climate control
Automatic-dimming rearview mirror with Homelink
Power-assisted 4-wheel ventilated disc brakes
Power Plant Frame (PPF)
Engine immobilizer theft-deterrent system
Anti-theft alarm system
Rain sensing wipers
Automatic on/off headlamps
Power windows global open & close
Headlight cleaners
Fog lights
Cruise control
Steering wheel mounted cruise and audio controls
Remote keyless entry system with retractable key
Intelligent Key System (keyless entry and start)
Welcome mode and panic alarm (includes two transmitters)
Recline levers for front seats added for easier ingress/egress of rear seats
Integrated head restraints for front seats
High grade cloth upholstery
Adjustable steering wheel
Outside ambient temperature indicator

→

2009MY GT 6MT

GS plus:

Dynamic Stability Control (DSC)
Headlights - Xenon HID
Automatic headlamp levelling
Push button on seats for easier ingress/egress of rear seats
8-way adjustable power driver's seat with lumbar support
Heated front seats
Power memory seat
Leather trimmed upholstery
Bluetooth compatibility
Sirius ready integrated satellite radio
Synthetic leather door panel trim - front and rear
Moonroof
Leather covered parking lever

R3

GS equipment plus:

Package Content:

Rear spoiler (raised type)
Sport integrated front bumper and side sills
Unique design 19-inch light weight forged alloy wheels
225/40 R19 Tires
Side skirts
Lightweight Recaro seat (half leather)
Dynamic Stability Control with Traction Control System (DSC & TCS)
Bilstein dampers on front suspension. Front suspension cross member with urethane fill. Rear multi-link suspension with Bilstein dampers.
Bluetooth compatibility
Headlights - xenon HID
Leather wrapped steering wheel & shift knob with red stitch
Leather wrapped parking lever with red stitch
Automatic headlamp levelling
Door trim armrest with red stich
Leather covered front and rear console lid with red stitch

Options

Options

6-speed Sport mode AT	**No charge**

Features not available on 6AT:

Aluminum foot pedal, left foot rest, rear lip spoiler and rear double tire deflector

Packages

NAVI Package

Navigation system

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