



# 2008 RX-8

## SPECIFICATIONS & FEATURES DECK

### PRODUCTION TIMING:

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Job #1: July 2007 Production

### LINEUP:

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GS  
GT

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**\* Information contained herein is subject to change without notice.  
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## **2008 Mazda RX-8 Product changes**

- There are no changes in equipment or specifications

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## 2008 Mazda RX-8 Colour Guide

### Exterior:

Colours

*Deleted*

- Phantom Blue Mica (32C)

### 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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**2008 Mazda RX-8 Colour & Trim:**

Exterior Colour	Code	INTERIOR COLOURS	
		GS CLOTH	GT LEATHER
Brilliant Black	A3F	Black (FF6)	Black (FF3)
Crystal White Pearl	34K	Black (FF6)	Black (FF3)
Galaxy Grey Mica	32S	Black (FF6)	Black (FF3)
Sunlight Silver Metallic	22V	Black (FF6)	Black (FF3)
Velocity Red Mica	27A	Black (FF6)	Black/Red (FF4)
Stormy Blue Mica	35J	Black (FF6)	Sand (FG0)
Winning Blue Metallic	27B	Black (FF6)	Black (FF3)

**2008 Mazda RX-8 Model Line-up:**

Trim Grade	Model Description	MODEL CODE	OPTION CODE
<b>GS</b>	6MT	T4SF68	AA00
	6AT	T4SF88	AA00
<b>GT</b>	6MT	T4TF68	AA00
	6MT Moonroof	T4TF68	AB00
	6MT Moonroof, Navigation System	T4TF68	AC00
	6AT	T4TF88	AA00
	6AT Moonroof	T4TF88	AB00
	6AT Moonroof, Navigation System	T4TF88	AC00

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## 2008 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:	<b>6 Sport mode AT</b>	<b>6 MT</b>
1st	3.538	3.760
2nd	2.060	2.269
3rd	1.404	1.645
4th	1.000	1.187
5th	0.713	1.000
6th	0.582	0.843
Reverse	3.168	3.564
Final drive	4.300	4.444
Clutch type	Single dry plate, diaphragm spring (Except AT)	

### Suspension

Frame Unit body (Monocoque), Power Plant Frame (PPF)  
 Suspension Sport tuned suspension with independent front double wishbone,  
 rear multi-link, gas-filled shock absorbers, 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 models  
 Wheels 18" Aluminum Alloy Wheels  
 Tires 225/45R18  
 Curb weight 6 AT - 1,404 / 6 MT 1,389 kg

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## 2008 Mazda RX-8 Specifications

### Electrical System

Battery	75D23L
Alternator	12 Volt - 100 amp
Cold cranking capacity	490 amp
Ignition system	Pointless

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### Capacities

Seating	4
Engine oil capacity	6.7L
Coolant capacity	8.7L
Washer fluid tank	3.5L
Fuel tank	60L

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### External Dimensions (mm)

Wheelbase	2,700
Track (Fr/Rr)	1,500/1,505
Overall length	4,424
Overall width	1,770
Overall height	1,340
Ground clearance	120 (laden)

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### 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

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### Fuel Economy Ratings

	<u>City</u>	<u>Highway</u>
6-speed <b>Sport</b> mode AT	12.9 L/100 km	8.6 L/100 km
6-Speed manual	12.8 L/100 km	9.2 L/100 km

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### Estimated Performance Data

Acceleration MT (0 - 60 mph: sec)	6.0
Coefficient of Drag (Cd)	0.31
Weight Distribution % (fr/rr)	48/52

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2008 RX-8		
EQUIPMENT AND FEATURES	GS	GT
<b>Engineering Features</b>		
1.3L Rotary engine	S	S
Variable dynamic effect intake system	S	S
6-speed manual overdrive transmission with short throw shifter	S	S
6-speed <b>Sport</b> mode automatic transmission with paddle shifters	O	O
Limited-slip rear differential	6MT only	S
Dynamic Stability Control (DSC) w/TCS	--	S
Direct drive electronically assisted steering	S	S
Power-assisted 4-wheel ventilated disc brakes	S	S
Anti-lock brake system (ABS) with EBFD	S	S
Front engine / rear-wheel drive	S	S
Front independent double wishbone suspension	S	S
Rear independent multi-link suspension	S	S
Sport-tuned suspension	S	S
Front and rear stabilizer bars	S	S
Power Plant Frame (PPF)	S	S
Strut tower bar	S	S
Engine immobilizer theft-deterrent system	S	S
<b>Exterior Features</b>		
225/45 R18 Performance Radial tires	S	S
18-inch aluminium alloy wheels	S	S
Body-colour bumpers and door handles	S	S
Indoor high mount stop lamp	S	S
Dual body-colour power remote-control heated door mirrors	S	S
Headlights - halogen	S	--
Headlights - Xenon	--	S
Automatic headlamp levelling	--	S
Headlight cleaners	S	S
Fog lights	S	S
Windshield with sunshade	S	S
Variable intermittent windshield wipers	S	S
Glass imprinted antenna	S	S
Dual outlet exhaust system (chrome garnish)	S	S
<b>Interior Features: Comfort and Convenience</b>		
AM/FM stereo w/ 6-disc in-dash CD changer, and BOSE premium audio system (includes 9 speakers)	S	S
Cruise control	S	S
Steering wheel mounted cruise and audio controls	S	S
Air conditioning	S	S

**S = Standard    O = Optional**

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2008 RX-8		
EQUIPMENT AND FEATURES	GS	GT
<b>Interior Features: Comfort and Convenience</b>		
Micron air filter	S	S
Rear seat heater ducts	S	S
Rear window defroster	S	S
Power door locks (2 stage lock type)	S	S
Remote keyless entry system with retractable key, welcome mode and panic alarm (includes two transmitters)	S	--
Intelligent Key System (keyless entry and start)	--	S
Driver / front passenger illuminated power door lock switch	S	S
Central locking feature on driver's door	S	S
Remote fuel door and trunk lid releases	S	S
Internal trunk release	S	S
Power windows with driver-side one-touch down feature and power delay	S	S
Driver / front passenger illuminated power window switch	S	S
Power-operated glass moonroof	--	O
Ignition key illumination	S	S
Front door courtesy lamps	S	S
Illuminated entry	S	S
Cargo area light	S	S
Driver / passenger illuminated vanity mirrors	S	S
Day/night rearview mirror - manual	S	--
Auto-dimming rearview mirror with Homelink	--	S
Navigation system	--	O
Delayed fade out on interior lights	S	S
Cup holders (2 front, 2 rear)	S	S
Map lamps	S	S
Aluminium foot pedals and left foot rest	6 MT only	6 MT only
<b>Interior Features: Seat and Trim</b>		
Reclining front bucket seats	S	S
Driver's manual seat lifter	S	--
8-way adjustable power driver's seat with lumbar support	--	S
Heated front seats	--	S
Integrated head restraints for front seats	S	S
Floor mats	S	S
High grade cloth upholstery	S	--
Cloth door panel trim - front and rear	S	--
Leather trimmed upholstery	--	S
Synthetic leather door panel trim - front and rear	--	S

**S = Standard    O = Optional**

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2008 RX-8		
EQUIPMENT AND FEATURE	GS	GT
<b>Interior Features: Seat and Trim</b>		
Leather-wrapped 3-spoke steering wheel	S	S
Adjustable steering wheel	S	S
Leather-wrapped shift knob	S	S
Urethane-wrapped parking brake handle	S	S
Front door handles – bright finish	S	S
Rear door handles - black finish	S	S
Scuff plates with aluminium inserts	S	S
<b>Interior Features: Safety and Security</b>		
Side-impact door beams – front	S	S
Dual front airbags	S	S
Dual front side airbags	S	S
Dual front and rear side air curtains	S	S
Front safety-belt pretensioners with force limiters	S	S
3-point safety belts for all seating positions (2 front; 2 rear)	S	S
ISOFIX child safety-seat anchors	S	S
Anti-theft alarm system	--	S
<b>Interior Features: Instrument panel</b>		
Outside ambient temperature indicator	S	S
12-volt power outlet with cigarette lighter	S	S
Blue LED concealed meter lighting with red night time gauge illumination	S	S
Black gauges with chrome bezels and white lettering	S	S
Tachometer, engine coolant temperature gauge and fuel	S	S
Twin trip odometers	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
<b>Interior Features: Storage</b>		
Front door storage pockets	S	S
Front passenger seatback pocket	S	S
Coin box	S	S
Overhead console w/ sunglass storage	S	S
Centre console with power outlet (1)	S	S
Rear console	S	S
Lockable, illuminated glove compartment	S	S

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## 2008 Mazda RX-8 Equipment Walk

### RX-8 GS

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 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 w/ 6-disc in-dash CD changer  
BOSE premium audio system w/9 speakers  
Air conditioning  
Power-assisted 4-wheel ventilated disc brakes  
Power Plant Frame (PPF)  
Engine immobilizer theft-deterrent system  
Headlight cleaners  
Fog lights  
Cruise control  
Steering wheel mounted cruise and audio controls  
Remote keyless entry system with retractable key  
Welcome mode and panic alarm (includes two transmitters)  
Integrated head restraints for front seats  
High grade cloth upholstery  
Adjustable steering wheel  
Outside ambient temperature indicator

### RX-8 GT

Dynamic Stability Control (DSC) w/TCS  
Headlights - Xenon  
Automatic headlamp levelling  
Auto-dimming rearview mirror with Homelink  
8-way adjustable power driver's seat with lumbar support  
Heated front seats  
Leather trimmed upholstery  
Synthetic leather door panel trim - front and rear  
Intelligent key system  
Anti-theft alarm system

### RX-8 GS 6AT

1.3L Rotary engine  
212 HP @ 7500 rpm  
Delete limited-slip rear differential  
Delete aluminium foot pedals and left foot rest

### RX-8 GT 6AT

1.3L Rotary engine  
212 HP @ 7500 rpm  
Delete aluminium foot pedals and left foot rest

### Options

### Options

Moonroof  
Navigation system