

2009 MAZDA RX-8 SPECIFICATION DECK

PRELIMINARY DRAFT

PRODUCTION TIMING:

Job #1: March, 2008

LINEUP:

- Sport
- Touring
- Grand Touring
- RX-8 R3

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2009 MAZDA RX-8 PRODUCT CHANGES

OVERVIEW

Significantly refreshed with new technology features, engineering updates, enhanced exterior and interior styling. A new RX-8 R3 model has been added to showcase the improved performance and styling of this vehicle.

MODEL / SERIES / AVAILABILITY

New RX-8 R3 model

EXTERIOR CHANGES

- 18" alloy wheel design
- Front headlights
- Front and rear bumpers
- Larger exhaust tips
- Rear LED taillights
- Rear lip spoiler (MT models only)

RX-8 R3 model includes:

- 19" forged alloy wheels
- DSC w/Traction Control
- Fog lights
- Rear wing spoiler
- Sporty front bumper
- Stylish side sills
- Xenon headlights

Grand Touring model includes:

• Rain sensing wipers

INTERIOR CHANGES

- Auxiliary audio jack
- One-touch open/close front power windows with remote down functionality
- Passenger seat one-touch walk-in function for ease of ingress/egress to rear seats
- Seat design
- Steering wheel
- Available enhanced Bose audio system with Centerpoint surround sound technology

RX-8 R3 model includes:

- Auto dimming mirror with Homelink
- Bluetooth hands free phone system
- Bose audio system
- Front Recaro sport seats with leather bolsters
- · Leather parking brake
- Mazda advanced keyless entry system

Grand Touring model includes:

- · Auto on/off headlights
- · Automatic air conditioning
- Bluetooth hands free phone system
- Driver's seat memory (3 positions)
- Driver's seat one-touch walk-in function
- Leather parking brake

FUNCTIONAL CHANGES

- Improved body rigidity with structural reinforcement
- Improved rear suspension geometry for better handling performance
- Fuel tank capacity increased to 16.9 gallons
- Manual transmission final gear ratio changes from 4.444 to 4.777 for improved performance
- Improved access to the oil level dipstick
- All manual transmission models receive a low exhaust pressure muffler

RX-8 R3 model includes:

- Bilstein shock absorbers
- Urethane foam injected front suspension cross member

PACKAGE / OPTION CHANGES

- In-dash 7" LCD touch screen Navigation system (available on Grand Touring)
- Premium package 1 includes: Bose audio system, moonroof and Sirius satellite radio
- Premium package 2 includes: moonroof and Sirius satellite radio

COLOR & TRIM

- Exterior Colors Added:
 - Sparkling Black Mica (35N)
 - Diamond Gray Metallic (38E)
 - Aurora Blue Mica (34J) (RX-8 R3 model)
- Exterior Colors Deleted:
 - Galaxy Gray Mica (32S)
 - Stormy Blue Mica (35J)

• Interior Colors Added:

- Dune Beige Leather (FG5)
- Red Leather (FG6)
- Gray/Black Cloth/Leather (FG7) (RX-8 R3 model)

• Interior Colors Deleted:

- Black/Red Leather (FF4)
- Sand Leather (FG0)

SAFETY

No change

Product Changes and Features Availability

Features, options and package content subject to change.

RX-8 Navigation System Change

| | | 2008 MY | New 2009 MY |
|-------------------|--|------------------------|--|
| | Media (Map DISC) | DVD | DVD(2 disc) |
| Navi | Compass Mode | None | Equipped |
| | Display size | 7 inch | 7 inch |
| | AM/FM | Yes | Yes |
| | CD | Based on Audio | 6CD Changer with MP3 |
| Audio | Sirius (N/A in Alaska/Hawaii) | Yes (First Generation) | Yes(Second Generation) *Seek Alert, Instant Replay |
| | Availability of iPod connection | Yes (First Generation) | Yes (Second Generation) *Text Display |
| Bluetooth | Handsfree phone | No | Yes |
| | NAVI Operation | Remote control | Touch screen |
| НМІ | Handsfree phone | No | Touch screen & voice-recognition |
| | Volume control of audio guidance (Handsfree, NAVI guide voice) | No | Yes(Vol Knob) |
| | NAVI Operation | No | Yes |
| Voice recognition | Audio control | No | Yes (part of the function) |
| | Phone operation | No | Yes |

2009 MAZDA RX-8 PRODUCT SUMMARY

The 2009 RX-8 has been significantly refreshed with new technology features, engineering updates, enhanced exterior and interior styling.

A new RX-8 R3 model has been added to showcase the improved performance and styling of this vehicle.

The following equipment is standard as indicated. Each series includes the standard equipment of the previous series, except where additions / exceptions are noted:

| RX-8 Sport | RX-8 Touring | RX-8 Grand Touring | RX-8 R3 |
|---|---|--|--|
| Standard Equipment | In addition to Sport | In addition to Touring | In addition to Touring |
| Functional / Powertrain | Functional / Powertrain | Functional / Powertrain | Functional / Powertrain |
| 1.3L Rotary engine with 212 hp (AT) or 232 hp | Torque sensing Limited Slip Differential (AT) | | Sport tuned suspension with Bilstein shock |
| (MT) | | | absorbers |
| 6-speed sport automatic transmission w/paddle shifters and Adaptive Shift Logic (AT) | | | Urethane foam injected front suspension cross member |
| 6-Speed manual overdrive transmission with short throw shifter (MT) | | | |
| Direct drive electronically assisted steering | | | |
| Front and rear stabilizer bars | | | |
| Independent front double-wishbone suspension / rear multi-link suspension | | | |
| Low exhaust pressure main muffler (MT) | | | |
| Power assist 4-wheel ventilated disc brakes | | | |
| Shock tower brace | | | |
| Sport tuned suspension | | | |
| Torque sensing Limited Slip Differential (MT) | | | |
| | | | |
| Exterior | Exterior | Exterior | Exterior |
| 18-inch aluminum alloy wheels with locks | • Fog lights | Auto on/off headlights | 19-inch forged aluminum alloy wheels |
| 225/45R18 high performance tires Dual phrama tallaine garnish | Xenon headlights | Heated mirrors Rain agains winers | 225/40R19 high performance tires |
| Dual chrome tailpipe garnish Dual power mirrors | | Rain sensing wipers | Rear wing spoiler Side sills |
| Free style doors | | | Sporty front bumper |
| Rear lip spoiler (MT models only) | | | |
| Rear window defogger | | | |
| Rear window integrated radio antenna | | | |
| Variable intermittent windshield wipers | | | |
| | | | |
| <u>Interior</u> | <u>Interior</u> | Interior | Interior 200 wat Page 9 speaker sound system with |
| Air conditioning | Auto dimming rear view mirror with Homelink | 300 watt Bose 9-speaker sound system with Centerpoint surround sound and AudioPilot® noise compensation technology | 300 watt Bose 9-speaker sound system with Centerpoint surround sound and AudioPilot® noise compensation technology |
| AM/FM/CD stereo with 6-speakers | In-dash 6 disc CD changer | 8-way power driver's seat with power lumbar support | Bluetooth hands free phone system |
| Auxiliary audio jack | | Auto A/C | Front Recaro sport seats with leather side bolsters |
| Center console with power outlet | | Bluetooth hands free phone system | Leather wrapped parking brake |
| Instrument panel display with clock, audio, HVAC, outside temp | | Color keyed synthetic leather trimmed door panels | Mazda Advanced Keyless Entry and Start System |
| Cloth trimmed upholstery and door panels | | Driver's seat memory (3 positions) | |
| Cruise control | | Driver's seat one-touch walk-in function | |
| Cup holders - 4 | | Heated driver/passenger seats | |
| Floor mats | | Leather trimmed seating surfaces | |
| Gauges - black w/chrome bezels & white lettering; blue LED with red nighttime gauge illumination | | Leather wrapped parking brake | |
| Internal releases - fuel door, trunk, hood Passenger seat one-touch walk-in function | | Mazda Advanced Keyless Entry and Start System | |
| Rear bucket seats with rear seat trunk pass through | | | |
| Reclining front bucket seats | | | |
| Scuff plates - black w/aluminum accents | | | |
| Steering wheel mounted controls - audio, cruise | | | |
| Steering wheel - tilt, leather wrapped | | | |
| Shift knob - leather wrapped | | | |
| Overhead console with sunglasses holder | | | |
| Power door locks - driver / passenger w/illuminated switches | | | |
| Power windows - driver / passenger w/illuminated | | | |
| switches Power windows - one-touch open/close with | | | |
| remote down functionality | | | |
| Vanity mirrors - driver & passenger, illuminated | | | |
| | | | |
| | | | |
| Safety | Safety | Safety | Safety |
| Air bags: front/side/curtain for driver & front | Dynamic Stability Control w/Traction Control | | |
| passenger Alarm with immobilizer | 27. Tarino Stability Control w/ Haction Control | | |
| Alarm with immobilizer Anti-lock brake system w/EBD | | | |
| Front seatbelts - 3-point with pretensioners & force | | | |
| limiters | | | |
| Tire pressure monitoring system | | | |
| | Epoturos entiens and poels | age content subject to change | |
| ii | reatures, opiions and pack | age content subject to change. | |

2009 MAZDA RX-8 EQUIPMENT AND FEATURES

| Egon ment | AND FEATURES | | | |
|---|--|--|--|--|
| | SPORT | TOURING | GRAND TOURING | RX-8 R3 |
| | RX8 SP | RX8 TR | RX8 GT | RX8 HP |
| POWERTRAIN | | | | |
| Exhaust, low pressure main muffler | MT | MT | MT | MT |
| Exhaust, single with dual outlets | Std | Std | Std | Std |
| Light weight carbon fiber driveshaft | MT | MT | MT | MT |
| Rear wheel drive | Std | Std | Std | Std |
| Transmission, 6-speed automatic with paddle shifters and Adaptive Shift Logic | Available | Available | Available | NA |
| Transmission, 6-speed manual overdrive (short throw shifter) | MT | MT | MT | MT |
| Variable dynamic effect intake system | MT | MT | MT | MT |
| SUSPENSION | IVII | IVII | 1911 | IVII |
| Brakes, power-assisted 4-wheel ventilated disc brakes | Std | Std | Std | Std |
| Brakes, 12.7* front | Std | Std | Std | Std |
| Brakes, anti-lock with electronic brakeforce distribution (ABS) | Std | Std | Std | Std |
| | | Std | Std | Std |
| Dynamic Stability Control (DSC) with traction control | NA Out | | | |
| Front - independent double wishbone | Std | Std | Std | Std |
| Rear - independent multi-link suspension | Std | Std | Std | Std |
| Shock absorbers, Bilstein | NA | NA | NA | Std |
| Shock absorbers, monotube gas filled front and rear | Std | Std | Std | Std |
| Sport tuned suspension | Std | Std | Std | Std |
| Stabilizer bar, front and rear | Std | Std | Std | Std |
| Steering, direct drive electronically assisted | Std | Std | Std | Std |
| Torque sensing limited-slip differential | Std on MT | Std | Std | Std |
| Urethane foam injected front suspension cross member | NA | NA | NA | Std |
| Wheel locks | Std | Std | Std | Std |
| Wheels / Tires, 18" aluminum alloy with 225/45 R18 tires | Std | Std | Std | NA |
| Wheels / Tires, 19" forged aluminum alloy with 225/40 R19 tires | NA | NA | NA | Std |
| EXTERIOR FEATURES | | | | |
| Fog lights, front | NA | Std | Std | Std |
| Headlights, Xenon auto leveling | NA | Std | Std | Std |
| Headlights, auto on/off | NA | NA | Std | NA |
| Headlights, halogen | Std | NA | NA | NA |
| Mazda advanced keyless entry and start system | NA | NA | Std | Std |
| Mirrors, dual power remote / body colored | Std | Std | NA | NA |
| Mirrors, heated dual power remote / body colored | NA | NA | Std | NA |
| Moonroof, power sliding glass with one-touch open and sunshade | NA | Opt | Opt | NA |
| Rear lip spoiler | Std on MT | Std on MT | Std on MT | NA |
| Rear wing spoiler | NA | NA | NA | Std |
| Remote keyless illuminated entry | Std | Std | Std | Std |
| Side sills | NA NA | NA | NA NA | Std |
| Windshield, heat absorbent glass / tinted with sunshade | Std | Std | Std | Std |
| Wipers, rain sensing | NA NA | NA NA | Std | NA NA |
| Wipers, variable intermittent | Std | Std | Std | Std |
| INTERIOR FEATURES | Old | Old | Old | Old |
| Air bags, driver and passenger front, side, head curtain | Std | Std | Std | Std |
| Air conditioning, automatic | NA NA | NA NA | Std | NA NA |
| Air conditioning, CFC-Free | Std | Std | Std | Std |
| Alarm system with engine immobilizer | Std | Std | Std | Std |
| Bluetooth hands free phone system | NA NA | NA NA | Std | Std |
| Cigarette lighter with ash tray | Std | Std | Std | Std |
| Cruise control with steering wheel mounted controls | Std | Std | Std | Std |
| Cup holders, 2 front / 2 rear | Std | Std | Std | Std |
| Defogger, rear window with auto shutoff | Std | Std | Std | Std |
| Demisters, front side windows | Std | Std | Std | Std |
| Door locks, power with front passenger switch illumination | | | | |
| | Std NA | Std NA | Std Opt. | Std NA |
| DVD Navigation system with in-dash 7" LCD touch screen | | | | |
| Floor Mats, carpeted front/rear | Std on MT. NA on AT | Std Std Std Std Std | Std | Std |
| Foot pedals, aluminum including foot rest | Std on MT, NA on AT | Std on MT, NA on AT | Std on MT, NA on AT | Std |
| Glove box, illuminated & locking | Std | Std | Std | Std |
| Heater/Defroster, with rear duct | Std | Std | Std | Std |
| Ignition key illumination | Std | Std | Std | Std |
| Lighting, door / overhead dimming, dual map lights | Std | Std | Std | Std |
| Mirror, rear view autodimming with HomeLink® | NA | Std | Std | Std |
| Mirror, rear view day/night | Std | NA | NA | NA |
| Mirror, vanity / driver & passenger / illuminated | Std | Std | Std | Std |
| Parking brake, leather wrapped with bright button | NA | NA | Std | Std |
| Parking brake, urethane handle with bright button | Std | Std | NA | NA |
| Power outlet | Std | Std | Std | Std |
| Power windows, illuminated switches with one-touch-up/down with remote functionality | Std | Std | Std | Std |
| Rear storage console with lid | Std | Std | Std | Std |
| Remote releases, trunk lid / fuel door / hood | Std | Std | Std | Std |
| Scuff plates, black with aluminum accents | Std | Std | Std | Std |
| Seat upholstery, cloth with cloth door trim | Std | Std | NA | NA |
| Seat upholstery, leather with synthetic leather door trim | NA | NA | Std | Std |
| Seats, bucket type with integrated head restraints | Std | Std | Std | Std |
| Seats, heated (front) | | | Std | NA |
| | NA | NA | | |
| Seats, 8-way power driver's seat w/3 position memory switch | NA | NA | Std | NA |
| Seats, passenger side one-touch walk-in function | NA Std | NA Std | Std Std | |
| Seats, passenger side one-touch walk-in function Seats, driver's side one-touch walk-in function | NA Std NA | NA Std NA | Std Std Std | NA Std NA |
| Seats, passenger side one-touch walk-in function Seats, driver's side one-touch walk-in function Seats, front Recaro sport seats | NA Std NA NA | NA Std NA NA | Std Std Std NA | NA Std NA Std |
| Seats, passenger side one-touch walk-in function Seats, driver's side one-touch walk-in function | NA Std NA | NA Std NA | Std Std Std | NA Std NA |
| Seats, passenger side one-touch walk-in function Seats, driver's side one-touch walk-in function Seats, front Recaro sport seats | NA Std NA NA | NA Std NA NA | Std Std Std NA | NA Std NA Std |
| Seats, passenger side one-touch walk-in function Seats, driver's side one-touch walk-in function Seats, front Recaro sport seats Shift knob, aluminum and leather wrapped | NA Std NA NA Std on MT, NA on AT | NA Std NA NA Std on MT, NA on AT | Std Std Std NA Std on MT, NA on AT | NA Std NA Std Std |
| Seats, passenger side one-touch walk-in function Seats, driver's side one-touch walk-in function Seats, front Recaro sport seats Shift knob, aluminum and leather wrapped Shift knob, leather wrapped w/silver accent | NA Std NA NA Std on MT, NA on AT Std on AT, NA on MT | NA Std NA NA Std on MT, NA on AT Std on AT, NA on MT | Std Std Std NA Std on MT, NA on AT Std on AT, NA on MT | NA Std NA Std Std NA |
| Seats, passenger side one-touch walk-in function Seats, driver's side one-touch walk-in function Seats, front Recaro sport seats Shift knob, aluminum and leather wrapped Shift knob, leather wrapped w/silver accent Steering Wheel, leather wrapped with tilt | NA Std NA NA Std on MT, NA on AT Std on AT, NA on MT Std on AT | NA Std NA NA Std on MT, NA on AT Std on AT, NA on MT | Std Std Std NA Std on MT, NA on AT Std on AT, NA on MT Std | NA Std NA Std Std NA Std |
| Seats, passenger side one-touch walk-in function Seats, driver's side one-touch walk-in function Seats, front Recaro sport seats Shift knob, aluminum and leather wrapped Shift knob, leather wrapped wisitver accent Steering Wheel, leather wrapped with tilt Storage console, overhead with sunglasses holder | NA Std NA NA Std on MT, NA on AT Std on AT, NA on MT Std Std Std | NA Std NA NA Std on MT, NA on AT Std on AT, NA on MT Std Std Std | Std Std Std NA Std on MT, NA on AT Std on AT, NA on MT Std Std | NA Std NA Std Std NA Std Std |
| Seats, passenger side one-touch walk-in function Seats, driver's side one-touch walk-in function Seats, front Recaro sport seats Shift knob, aluminum and leather wrapped Shift knob, leather wrapped w/silver accent Steering Wheel, leather wrapped with tilt Storage console, overhead with sunglasses holder Tire pressure monitoring system | NA Std NA NA Std on MT, NA on AT Std on AT, NA on MT Std Std Std Std | NA Std NA NA Std on MT, NA on AT Std on AT, NA on MT Std Std Std Std | Std Std Std NA Std on MT, NA on AT Std on AT, NA on MT Std Std Std | NA Std NA Std Std NA Std Std Std |
| Seats, passenger side one-touch walk-in function Seats, driver's side one-touch walk-in function Seats, driver's side one-touch walk-in function Seats, front Recaro sport seats Shift knob, laulminum and leather wrapped Shift knob, leather wrapped wisilver accent Steering Wheel, leather wrapped with tilt Storage console, overhead with sunglasses holder Tire pressure monitoring system Trip odometer, two resettable Warning lamps: air bags, battery, brake, engine, fuel, high-beam, oil, seat belt, tire pressure | NA Std NA NA NA Std on MT, NA on AT Std on AT, NA on MT Std Std Std Std Std Std Std | NA Std NA NA Std on MT, NA on AT Std on AT, NA on MT Std Std Std Std Std | Std Std Std Std NA Std on MT, NA on AT Std on AT, NA on MT Std Std Std Std Std Std | NA Std NA Std Std Std Std Std Std Std Std |
| Seats, passenger side one-touch walk-in function Seats, driver's side one-touch walk-in function Seats, front Recaro sport seats Shift knob, aluminum and leather wrapped Shift knob, leather wrapped wisliver accent Steering Wheel, leather wrapped with tilt Storage console, overhead with sunglasses holder Tire pressure monitoring system Trip odometer, two resettable | NA Std NA NA NA Std on MT, NA on AT Std on AT, NA on MT Std Std Std Std Std Std Std | NA Std NA NA Std on MT, NA on AT Std on AT, NA on MT Std Std Std Std Std | Std Std Std Std NA Std on MT, NA on AT Std on AT, NA on MT Std Std Std Std Std Std | NA Std NA Std Std Std Std Std Std Std Std |
| Seats, passenger side one-touch walk-in function Seats, driver's side one-touch walk-in function Seats, driver's side one-touch walk-in function Seats, front Recarc sport seats Shift knob, leather wrapped wishiver accent Steering Wheel, leather wrapped with tilt Storage console, overhead with sunglasses holder Tire pressure monitoring system Trip odormeter, two resettable Warning lamps: air bags, battery, brake, engine, fuel, high-beam, oil, seat belt, tire pressure AUDIO FEATURES | NA Std NA NA Std on MT, NA on MT Std on AT, NA on MT Std Std Std Std Std Std Std | NA Std NA NA Std on MT, NA on AT Std on AT, NA on MT Std Std Std Std Std Std Std | Std Std Std NA Std on MT, NA on AT Std on AT, NA on MT Std Std Std Std Std Std | NA Std NA Std |
| Seats, passenger side one-touch walk-in function Seats, driver's side one-touch walk-in function Seats, front Recaro sport seats Shift knob, aluminum and leather wrapped Shift knob, leather wrapped wisilver accent Steering Wheel, leather wrapped with tilt Storage console, overhead with sunglasses holder Tire pressure monitoring system Trip odometer, two resettable Warning lamps: air bags, battery, brake, engine, fuel, high-beam, oil, seat belt, tire pressure AUDIO FEATURES AMFM stereo wisingle CD player and six speakers Antenna, mounted in rear glass | NA Std NA NA Std on MT, NA on AT Std on AT, NA on MT Std | NA Std NA NA Std on MT, NA on AT Std on AT, NA on MT Std | Std Std Std Std NA Std on MT, NA on AT Std on AT, NA on MT Std | NA Std NA Std |
| Seats, passenger side one-touch walk-in function Seats, driver's side one-touch walk-in function Seats, driver's side one-touch walk-in function Seats, front Recaro sport seats Shift knob, laturnium and leather wrapped Shift knob, leather wrapped wisitver accent Steering Wheel, leather wrapped with tilt Storage console, overhead with sunglasses holder Tire pressure monitoring system Trip odometer, two resettable Warning lamps: air bags, battery, brake, engine, fuel, high-beam, oil, seat belt, tire pressure AUDIO FEATURES AM/FM stereo w/single CD player and six speakers Antenan, mounted in rear glass Auxiliary audio jack | NA Std NA NA Std on MT, NA on AT Std on AT, NA on MT Std | NA Std NA NA Std on MT, NA on AT Std on AT, NA on MT Std | Std Std Std Std NA Std on MT, NA on AT Std on AT, NA on MT Std | NA Std NA Std |
| Seats, passenger side one-touch walk-in function Seats, driver's side one-touch walk-in function Seats, driver's side one-touch walk-in function Seats, front Recaro sport seats Shift knob, lauminum and leather wrapped Shift knob, leather wrapped wisilver accent Steering Wheel, leather wrapped with tilt Storage console, overhead with sunglasses holder Tire pressure monitoring system Trip odometer, two resettable Warning lamps: air bags, battery, brake, engine, fuel, high-beam, oil, seat belt, tire pressure AUDIO FEATURES AMFM stereo wisnigle CD player and six speakers Antenna, mounted in rear glass | NA Std NA NA Std on MT, NA on AT Std on AT, NA on MT Std | NA Std NA NA Std on MT, NA on AT Std on AT, NA on MT Std | Std Std Std NA Std on MT, NA on AT Std on AT, NA on MT Std | NA Std NA Std |

| 2009 MAZDA RX-8 | | | | |
|---|------------------------|--------------------------|--------------------------------|--------------------------|
| PACKAGES AND OPTIONS | | | | |
| | Sport RX8 SP | Touring RX8 TR | Grand Touring RX8 GT | RX-8 R3 RX8 HP |
| Premium Package 1 Bose audio w/9 speakers Moonroof Sirius satellite radio (N/A in Alaska/Hawaii) (includes 6 month free subscription) | NA | Opt. | NA | NA |
| Premium Package 2 Moonroof Sirius satellite radio (N/A in Alaska/Hawaii) (includes 6 month free subscription) | NA | NA | Opt. | NA |
| Navigation System | NA | NA | Opt. | NA |

2009 MAZDA RX-8 ACCESSORIES Touring **Grand Touring** RX-8 R3 Sport RX8 SP RX8 TR RX8 GT RX8 HP AUDIO / VISUAL ELECTRONICS SSA Shock Sensor Alarm PIO PIO N/A N/A CDC In-Dash 6-Disc CD/MP3 Changer PIO N/A N/A N/A SAT SIRIUS Satellite Radio w/6 Month PIO (N/A in Alaska/Hawaii) PIO (N/A in Alaska/Hawaii) PIO (N/A in Alaska/Hawaii) PIO (N/A in Alaska/Hawaii) EXTERIOR DEG Door Edge Guards PIO PIO PIO PIO MND Moonroof Wind Deflector NA PIO PIO N/A RSW Rear Wing Spoiler PIO (N/A on MT models) PIO (N/A on MT models) PIO (N/A on MT models) N/A MGB Splash Guards, Front/Rear PIO PIO PIO N/A INTERIOR FLA All Weather Floor Mats PIO PIO PIO PIO CGN Cargo Net PIO PIO PIO PIO CGO Cargo Organizer PIO PIO PIO PIO CGT Cargo Tray PIO PIO PIO PIO Collapsible Cargo Carrier CGC PIO PIO PIO PIO STR PIO PIO PIO PIO Spare Tire Kit

2009 MAZDA RX-8 COLOR AND TRIM

| INTERIOR TRIM TYPE | | INTERIOR TRIM COLORS | | | RX-8 R3 |
|--------------------|---------------------------|----------------------|--------------|-----|------------|
| INTERIOR IR | IN TTPE | Black Dune Beige | | Red | Gray/Black |
| Sport/Touring | Cloth | FG3 | | | |
| GT | Leather | FG4 | FG5 | FG6 | |
| Recaro | Cloth/Leather | | | | FG7 |
| CODE | EXTERIOR COLOR | | AVAILABILITY | | |
| 22V | Sunlight Silver Metallic | • | | | |
| 34K | Crystal White Pearl | • | | | |
| 38E | Diamond Gray Metallic | • | • | | |
| 35N | Sparkling Black Mica | • | | • | |
| 27A | Velocity Red Mica | • | | | • |
| A3F | Brilliant Black Clearcoat | | | | • |
| 34J | Aurora Blue Mica | | | | • |

2009 MAZDA RX-8 SPECIFICATIONS

| SPECIFICATIONS | | | |
|---|----------------------------------|---|--|
| | 6-SPEED SPORT AUTOMATIC | 6-SPEED MANUAL | |
| ENGINE | | | |
| Engine Type | 1.3 liter RENESIS 2-rotor rotary | 1.3 liter RENESIS 2-rotor rotary | |
| Horsepower, SAE net | 212 @ 7,500 | 232 @ 8,500 | |
| Torque, SAE net (lb./ft.) | 159 @ 5,500 | 159 @ 5,500 | |
| Redline | 7,500 | 9,000 | |
| Displacement (L) | 0.654L x 2 | 0.654L x 2 | |
| Bore x Stroke (inches) | N/A | N/A | |
| Compression Ratio | 10.0 : 1 | 10.0 : 1 | |
| Cylinder Heads | N/A | N/A | |
| FUEL SYSTEM | | | |
| Fuel Injection | | onic fuel injection | |
| Required Fuel | | Unleaded | |
| Minimum Fuel Requirement (rating) | | ctane | |
| Emission Control (CAL / Federal) | ULEV2-B7 | Tier2 Bin5-B | |
| IGNITION SYSTEM | Deintless | alastas ala | |
| System | | electronic | |
| Alternator | | · 110A 0/26L | |
| Battery | | | |
| Starter | 12V-2.0kw | 12V-2.0kw | |
| DRIVETRAIN | Door Wheel | Drive (DWD) | |
| Type | | Drive (RWD) | |
| Transmissions Clutch Type for Manual Transmission | 6-speed electronic automatic N/A | 6-speed manual Single dry plate with diaphragm spring | |
| Clutch Type for Manual Transmission Clutch Size | N/A N/A | Single dry plate with diaphragm spring 236x160 | |
| Gear Ratios (:1) | IN/A | Z30X10U | |
| | 2 520 | 2 015 | |
| 1st 2nd | 3.538 | 3.815 | |
| - | 2.060 | 2.260 | |
| 3rd | 1.404 | 1.536 | |
| 4th | 1.000 | 1.177 1.000 | |
| 5th | 0.713 | | |
| 6th | 0.582 | 0.787 | |
| Reverse | 3.168 | 3.603 | |
| Final Drive | 4.300 | 4.777 | |
| CHASSIS | 11-21 - 1 - 20 ((1- | | |
| Body Type | | ear suspension subframe | |
| Front Suspension | | wishbone | |
| Rear Suspension | | ti-link | |
| Steering Type | | nd-pinion | |
| Power Assist | | onic power steering | |
| Overall Steering Ratio | | 43:1 | |
| Steering Wheel Turns-to-Lock | | 99 | |
| Turning Circle, Curb-to-Curb (feet) | | 4.8 | |
| Turning Circle, Wall-to-wall (feet) | | 5.8 | |
| Braking System | | ke System with Electronic Brakeforce | |
| Front Brakes | | cs (12.7 inches) | |
| Rear Brakes | | cs (11.9 inches) | |
| Parking Brake | Mechanical | l (lever-type) | |
| TIRES & WHEELS | | | |
| Tires | | 225/40R19 (R3) | |
| Wheels | | 19x8JJ (R3) | |
| Tire Brand | | estone | |
| Temporary Spare Tire | | //A | |
| Temporary Spare Wheel | N | //A | |
| INTERIOR DIMENSIONS | | | |
| Seating Capacity | | 4 | |
| Headroom without Moonroof, front/rear (inches) | | / 36.8 | |
| Headroom with Moonroof, front/rear (inches) | | / 36.5 | |
| Shoulder Room, front/rear (inches) | | / 54.9 | |
| Leg Room, front/rear (inches) | | / 32.2 | |
| Hip Room, front/rear (inches) | 53.3 | / 48.1 | |
| EXTERIOR DIMENSIONS | | | |
| Wheelbase (inches) | 106.4 | | |
| Track, front (inches) | | 9.3 (R3) | |
| Track, rear (inches) | | 9.4 (R3) | |
| Length (inches) w/o license plate holder | 175.6 | | |
| Width (inches) | 69.7 | | |
| Height (inches) | 52.8 | | |
| Minimum Ground Clearance, laden (inches) | 4.7 | | |
| Coefficient of Drag (cd) | 0.30 | | |
| WEIGHTS | | 4.40 | |
| Weight Distribution, % front: rear | | / 48 | |
| Curb Weight, Federal Spec (lbs.) | 3,111 | 3,064 | |
| GVWR (lbs.) | 3,858 | 3,818 | |
| CAPACITIES | | | |
| Oil (U.S. quarts) | 6.0 | 6.7 | |
| Engine Coolant (U.S. quarts) | 9.2 | 9.4 | |
| Fuel Tank (gallons) | | 6.9 | |
| Passenger Volume, EPA (cubic feet) | | 39 | |
| Cargo Volume, SAE (cubic feet) | 7.6 | | |
| EPA Vehicle Size Category | Subcompact | | |
| FUEL ECONOMY | | | |
| EPA Mileage, City/Highway (mpg) | 16/23 | 16/22 | |
| | | | |