# 2007 RX-8

*** Information contained herein is subject to change without notice.**
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# 2007 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<br>6-speed manual with short throw shifter |

| Gear ratios: | **6 *Sport* mode AT** | **6 MT** |
|---|---|---|
| 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<br>Anti-lock Braking System with EBFD<br>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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# 2007 RX-8 Specifications

## Electrical System

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

## Capacities

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

## 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) |

## Internal Dimensions (mm)

| | |
|---|---|
| Headroom (Fr/Rr) | 932/927 w/ moonroof<br>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 | 12.9 L/100 km | 8.6 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) | 6.0 |
| Coefficient of Drag (Cd) | 0.31 |
| Weight Distribution % (fr/rr)) | 48/52 |

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**2007 RX-8 FEATURES**

| **Engineering Features** | **GS** | **GT** |
|---|---|---|
| 1.3L Rotary engine | S | S |
| Variable dynamic effect intake system | S | S |
| 6-speed manual overdrive transmission with short throw | S | S |
| 6-speed ***Sport*** 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 |
| **Exterior Features** | | |
| 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 |
| **Interior Features: Comfort and Convenience** | | |
| 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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**2007 RX-8 FEATURES**

| Interior Features: Comfort and Convenience | GS | GT |
|---|---|---|
| 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 |
| **Interior Features: Seat and Trim** | | |
| 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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**2007 RX-8 FEATURES**

| Interior Features: Seat and Trim | GS | GT |
|---|---|---|
| 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 |
| **Interior Features: Safety and Security** | | |
| 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 |
| **Interior Features: Instrument panel** | | |
| 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 |
| **Interior Features: Storage** | | |
| 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 |

**S = Standard O = Optional**

# 2007 RX-8 Equipment Walk

## Trim Levels

| 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 |

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| 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 |