

2006 **mazda RX-8**

A SPORTS CAR

EXPERIENCE

LIKE NO OTHER.



ALWAYS THE SOUL OF A SPORTS CAR.



Get more detailed information on your Mazda RX-8. Check out our website at www.mazda.ca for specifications and features, option packages, pricing, financing, to book a test-drive and find a dealer near you. Mazda Canada Inc., 55 Vogell Road, Richmond Hill, Ontario L4B 3K5 Printed in Canada Part No. 9999-92-R806-EN



REDISCOVER THE EMOTION OF MOTION.

All children instinctively know it. A few adults still remember it. One unique car company refuses to outgrow it. In grown-up language, it means the exhilaration and liberation that comes from experiencing sheer motion. But as usual, children put it much better. And simply call it "zoom-zoom." We practice it every day. It's why we build the kind of cars we do. And why you'll find the soul of a sports car engineered into everything we make ...especially in the Mazda RX-8.

The RX-8's sculpted form and sleek, sporty lines merely hint at the great performance to come. Only when you've treated yourself to the Mazda Test-Drive Experience will you know the responsive acceleration and steering, superb braking and surefooted handling that define this as an eloquent expression of "zoom-zoom."



EXHILARATION IS MEANT TO BE SHARED.



Mazda RX-8 is a true four-door sports car that, remarkably, combines efficient exterior dimensions with an innovative cabin that comfortably accommodates four adults. By thoughtfully eliminating the need for a centre pillar, the RX-8 provides easy access to all four of its bucket seats. Strap yourself in and you'll feel the well-bolstered driver's seat conform to the contours of your body. Open the full-length convenience console; don your driving glasses. Start the ignition and watch the electroluminescent gauges glow. Adjust the steering-wheel-mounted audio controls and crank the tunes coming from the nine-speaker Bose® sound system. Step on the gas and watch the tachometer soar. As you and your friends marvel at the available DVD-based navigation system with a seven-inch retractable LCD display screen, and your feet dance across the racing-inspired aluminum foot pedals (available with manual transmission), one thought is inescapable: this four-door is a sports car like no other.





THE SPORTS CAR THAT INSPIRED A RACE CAR.



The Mazda RX-8 is a true original – from how it looks to how it performs. For starters, it has four doors and accommodations for four passengers. Plus an award-winning, 232-hp RENESIS rotary engine teamed with a manual transmission that redlines at a stratospheric 9,000 rpm.* And rockets from 0 to 100 km/h in 6.0 seconds. Equally impressive, the same rotary engine found in every RX-8 also powers every Star Mazda Racing Series competitor. One drive and the way you think about sports cars will never be the same.

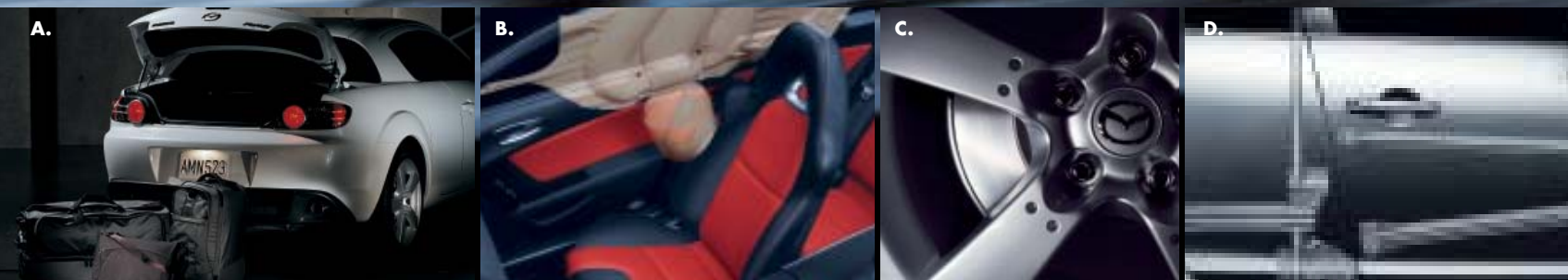
*A 212-hp (7,500-rpm) RENESIS rotary engine paired with a 6-speed **Sport** mode automatic transmission is also available.

The RX-8's striking array of innovations is also reflected in its versatility and safety. Its "freestyle" door system, for example, does away with the centre pillar to grant four adults unrestricted access to first-class seating. While its comprehensive matrix of safety features includes both proactive and passive systems. Most notable are the RX-8's massive four-wheel disc brakes with Anti-lock Brake System (ABS). Its rack-and-pinion steering with a speed-sensitive electric boost for precise directional control. A full complement of air bags and air curtains. Unencumbered by the tradeoffs typical of traditional sports cars, the RX-8 redefines the sports car for future generations.

TOP IT ALL OFF WITH **VERSATILITY**



AND SAFETY.



A. The RX-8's trunk is free from the structural bracings found in some sports cars. So it can easily handle a pair of golf bags, duffel bags or weekend luggage. There's even a handy cargo pass-through in the rear seatback for longer items such as skis. **B.** Crucial safety features include: Dual front air bags*; dual front side air bags and side air curtains offering protection for all occupants. **C.** Power-assisted four-wheel disc brakes help ensure linear, fade-resistant stopping power. In fact, the RX-8's massive 11.9 inch ventilated rotors and Anti-lock Brake System (ABS) with Electronic Brake Force Distribution (EBFD) endow the RX-8 with braking power rivaling that of far more expensive European sports cars. An advanced Dynamic Stability Control (DSC) system is standard on all GT models. The system monitors both throttle and brake functions and also incorporates a Traction Control System (TCS) to enhance the RX-8's handling and performance under adverse driving conditions. **D.** Side door impact protection beams help deflect side-impact energy. The RX-8's unique rear doors also utilize vertical reinforcement beams with special top-and-bottom latch mechanisms to eliminate the need for conventional centre pillars and provide excellent side-impact protection.

*Always wear your safety belt and secure children in the rear seats.



ACCESSORIES



Pictured above from left to right: Air outlet garnishes (aluminum), rear spoiler, aluminum fuel-filler door (pearl satin).

- Front air dam
- Side deflectors
- Rear spoiler
- 18" aluminum alloy wheels (polished)
- Rotary crests, front and rear
- Mud guards, rear
- Scuff Plates, aluminum
- Air outlet garnishes, aluminum
- Aluminum fuel-filler door (chrome)
- Cargo tray
- Cargo net
- Moonroof wind deflector
- Front grille garnish
- Wheel locks (set of 4)

For further information please refer to the Mazda RX-8 Accessories Brochure. Mazda notes that all Genuine Mazda Accessories, if installed by your Mazda Dealer prior to or at an initial vehicle retail delivery, carry the same new-vehicle warranty as the Mazda RX-8.

EXTERIOR COLOURS



SNOW FLAKE WHITE PEARL



VELOCITY RED MICA



BRILLIANT BLACK



WINNING BLUE MICA



SUNLIGHT SILVER MICA



GALAXY GREY MICA

INTERIOR COLOURS



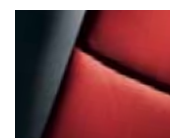
BLACK CLOTH



BLACK LEATHER



BLACK/SADDLE BROWN LEATHER



BLACK/RED LEATHER

MAZDA RX-8 WHEELS



18" alloy wheels

COLOUR COMBINATIONS

| | INTERIOR | |
|------------------------|------------|--------------------|
| | GS (CLOTH) | GT (LEATHER) |
| Snow Flake White Pearl | Black | Black |
| Velocity Red Mica | Black | Black/Red |
| Brilliant Black | Black | Black/Saddle Brown |
| Winning Blue Mica | Black | Black |
| Sunlight Silver Mica | Black | Black |
| Galaxy Grey Mica | Black | Black/Saddle Brown |

MAZDA WARRANTY The basic warranty on the Mazda RX-8 covers all parts found to be factory defective for 3 years or 80,000 km whichever comes first. Additional warranties cover powertrain components for a period of 5 years or 100,000 km whichever comes first, body sheet metal perforation for 5 years and unlimited mileage and specific emission control components for up to 8 years or 128,000 km. Exclusions from coverage are limited to maintenance items or adjustments (repairs not requiring parts replacement) on vehicles over 12 months old and repairs due to normal wear and tear. Ask your Mazda Dealer for additional information.

ROADSIDE ASSISTANCE PROGRAM As part of our commitment to your total satisfaction, 2006 Mazda RX-8 owners are automatically enrolled in our Roadside Assistance Program. Roadside Assistance protects your Mazda RX-8 for the duration of the 3-year basic limited warranty. Should you require assistance during this period, our service will help to get your vehicle back on the road and minimize any inconvenience. For complete details on this program, see your Mazda Dealer.

MAZDA MOBILITY ASSISTANCE PROGRAM Mazda Canada believes that vehicle access is vital for everyone. Under this program, physically-challenged customers who purchase or lease a new, unused Mazda vehicle may be eligible to receive assistance from Mazda Canada Inc. to aid with the cost of acquiring and installing adaptive driving aids on their vehicle. For complete details on this program, see your Mazda Dealer.

MAZDA TEST-DRIVE EXPERIENCE Exhilaration begins with the Mazda Test-Drive Experience — a uniquely designed road trip engineered to take you miles beyond the ordinary test-drive. Down local streets, on-ramps, highways, and off-ramps. Through straightaways, S-curves and corners. It's all about putting a Mazda to the test under real-world conditions. It's about discovering the superb acceleration, braking, steering, handling and ride quality that every Mazda offers. And rediscovering that fun, connected-to-the-road feeling we call "zoom-zoom."

READY TO ROLL Our pre-delivery commitment means every new Mazda is checked out, gassed up, and fitted with floor mats.



For peace of mind motoring, we've created the Mazda Added Protection Plan (M.A.P.). M.A.P. complements your Mazda Limited Warranty for up to 7 years or 160,000 km, and protects you from unexpected repair expenses and the rising cost of repairs. All M.A.P. plans include Personal Budget and Repair Inflation Protection. In addition, all M.A.P. plans include Premium Roadside Assistance, which extends the roadside assistance coverage offered during the new vehicle limited warranty period throughout the M.A.P. term. The Premium Roadside Assistance offers Towing, Winching, Battery Boost, Out-of-Fuel Coverage, Tire Service, Lockout Service, Emergency Travel Expense Reimbursement and Travel Planning, and Dealer Locator. Should you ever decide to sell your Mazda vehicle, M.A.P. is transferable to future owners and will enhance the resale value of your vehicle. The Mazda Added Protection Plan is fully backed and administered by Mazda Canada Inc. For more information, please contact your Mazda Dealer.

MAZDA GRADUATE PROGRAM Ask your dealer about Mazda's competitive program for recent university and college graduates.

Product changes and options availability: Following publication of this brochure, certain changes in standard equipment, options, prices and the like, or product delays may have occurred which would not be included in these pages. Your Mazda Dealer is your best source for up-to-date information. Mazda reserves the right to change product specifications at any time without incurring obligations. Options and accessories shown or described in this brochure are available at extra cost and may be offered only in combination with other options or subject to additional ordering requirements or limitations. E. & O. E.



| ENGINE | 6AT Sport | 6MT |
|-------------------------|---|--------------------|
| Type | 1.3L Rotary engine | 1.3L Rotary engine |
| Displacement | 654 cc x 2 | 654 cc x 2 |
| Compression ratio | 10.0:1 | 10.0:1 |
| Horsepower SAE net hp | 212 @ 7,200 rpm | 232 @ 8,500 rpm |
| Torque, SAE net lb. ft. | 159 @ 5,000 rpm | 159 @ 5,500 rpm |
| Redline | 7500 rpm | 9000 rpm |
| Fuel system | Electro magnetic | Electro magnetic |
| Recommended fuel | Premium (unleaded) | Premium (unleaded) |
| DRIVETRAIN | | |
| Type | Front rotary engine/rear-wheel drive | |
| Transmission | 6-speed manual with short-throw shifter | |
| | 6-speed <i>Sport</i> mode automatic transmission with paddle shifters | |
| | Limited-slip rear differential (GS with 6MT and GT models) | |
| Gear ratios: | 6AT Sport | 6MT |
| 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 |

| DRIVETRAIN (cont'd) | | |
|------------------------|--|-------|
| Gear ratios: | 6AT Sport | 6MT |
| Reverse | 3.168 | 3.564 |
| Final drive | 4.300 | 4.444 |
| CHASSIS | | |
| Frame | Unit body (Monocoque), Power Plant Frame (PPF) | |
| Front suspension | Independent sport-tuned double-wishbone, strut tower bar and stabilizer bar | |
| Rear suspension | Independent multi-link, gas-filled shock absorbers and stabilizer bar | |
| Steering | Direct drive electronically assisted steering | |
| Minimum turning circle | 10.6 m (curb-to-curb) | |
| Brakes | Power-assisted 4-wheel ventilated disc brakes | |
| | Anti-lock Brake System (ABS) with Electronic Brake Force Distribution (EBFD) | |
| | Dynamic Stability Control (DSC) with Traction Control System (GT model) | |
| Curb weight (kg) | 6AT: 1,404; 6MT: 1,389 | |
| CAPACITIES | | |
| Seating | 4 persons | |
| Washer fluid tank | 3.5L | |
| Fuel tank | 60L | |

| EXTERNAL DIMENSIONS (mm) | | | |
|----------------------------------|----------------------------|------------------|-------------------------|
| Wheelbase | 2,700 | Overall width | 1,770 |
| Track (fr/rr) | 1,500/1,505 | Overall height | 1,340 |
| Overall length | 4,424 | Ground clearance | 120 (laden) |
| INTERNAL DIMENSIONS | | | |
| Headroom (fr/rr) (mm) | 970/935 (without moonroof) | | 932/927 (with moonroof) |
| Legroom (fr/rr) (mm) | 1,084/817 | | |
| Shoulder room (fr/rr) (mm) | 1,393/1,395 | | |
| Hiproom (fr/rr) (mm) | 1,355/1,222 | | |
| Cargo volume (L) | 290 | | |
| Passenger Volume (L) | 2,727 | | |
| Total Volume (L) | 3,017 | | |
| FUEL ECONOMY RATINGS (L/100km) | | | |
| | 6AT Sport | 6MT | |
| City | 12.9 | 12.8 | |
| Highway | 8.6 | 9.2 | |
| ESTIMATED PERFORMANCE DATA | | | |
| Acceleration MT (0–100 km/h:sec) | 6.0 | | |
| Coefficient of drag (Cd) | 0.31 | | |
| Weight distribution % (fr/rr) | 6AT: 48/52 | 6MT: 48/52 | |

2006 MAZDA RX-8 FEATURES

| WHEELS AND TIRES | GS | GT |
|--|----|----|
| 18" aluminum alloy wheels | S | S |
| 225/45R18 performance radial tires | S | S |
| EXTERIOR FEATURES | | |
| Body-coloured bumpers and door handles | S | S |
| Body-coloured power remote-control heated door mirrors | S | S |
| Indoor high mount stop lamp | S | S |
| Headlights – Halogen | S | – |
| Headlights – Xenon | – | S |
| Automatic headlight leveling | – | S |
| Headlight cleaners | S | S |
| Fog lights | S | S |
| Windshield with sunshade | S | S |
| Variable intermittent windshield wipers | S | S |
| Integrated glass antenna | S | S |
| Dual outlet exhaust system (chrome garnish) | S | S |
| COMFORT AND CONVENIENCE | | |
| 9-speaker Bose® premium audio sound system with AM/FM 6-disc in-dash CD changer | S | S |
| Steering wheel-mounted audio and cruise controls | S | S |
| Air conditioning | S | S |
| Micron air filter | S | S |
| Rear seat heater ducts | S | S |
| Rear window defroster | S | S |
| Power door locks with 2-stage unlocking | 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 |
| Power windows with driver side one-touch down feature and power delay | S | S |

| COMFORT AND CONVENIENCE (cont'd) | GS | GT |
|--|-----------|-----------|
| Driver/front passenger illuminated power window switch | S | S |
| Power glass moonroof | – | 0 |
| Ignition key illumination | S | S |
| Front door courtesy lamps | S | S |
| Illuminated entry | S | S |
| Cargo area lamp | S | S |
| Covered driver and passenger illuminated vanity mirrors | S | S |
| Day/night rearview mirror | S | – |
| Auto-dimming rearview mirror with HomeLink® | – | S |
| Navigation system | – | 0 |
| Delayed fade out on interior lamps | S | S |
| Dual front and rear cup holders | S | S |
| Map lamps | S | S |
| Aluminum foot pedals and left foot rest | 6 MT only | 6 MT only |
| SEAT AND TRIM | | |
| Reclining front bucket seats | S | S |
| Driver's manual seat lifter | S | – |
| 8-way power adjustable 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 |
| Leather-wrapped 3-spoke and tilt adjustable steering wheel | S | S |
| Leather-wrapped shift knob | S | S |
| Front door handles – bright finish | S | S |
| Rear door handles – black finish | S | S |
| Scuff plates with aluminum inserts | S | S |

| INSTRUMENT PANEL AND STORAGE | GS | GT |
|--|----|----|
| Outside ambient temperature indicator | S | S |
| 12-volt power outlet | S | S |
| Cigarette lighter and illuminated ashtray | 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 gauge | 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 and safety belts | S | S |
| Front door storage pockets | S | S |
| Front passenger seatback pocket | S | S |
| Coin box | S | S |
| Overhead console with sunglass storage | S | S |
| Centre console with lockable storage and power outlet (1) | S | S |
| Rear console | S | S |
| Illuminated lockable glove compartment | S | S |
| SAFETY AND SECURITY | | |
| Front side door impact protection beams | S | S |
| Dual front air bags | S | S |
| Dual front side air bags | S | S |
| Dual side air curtains (with protection for all occupants) | 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 |
| Engine immobilizer theft-deterrent system | S | S |
| Anti-theft alarm system | – | S |

S = Standard 0 = Optional – = Not available

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