









The Mazda RX-8 is a whole-new breed of sports car. One that delivers wide-open performance on every essential level. One that ingeniously obliterates any outdated ideas about what a sports car can be— and can't be. And smartly replaces the tradeoffs that plague traditional sports cars with far more relevant solutions. Including first-class seating for four adults. The convenience of four doors sleekly sculpted into true sports-car styling—thanks to an innovative "Freestyle" door system. A genuinely useful trunk that can easily swallow duffel bags, weekend luggage or even a pair of golf bags. A handy cargo pass-through in the rear seatback that readily welcomes longer items such as skis. Plus a comprehensive matrix of both passive and active safety features. In short, the RX-8 surrounds you with an unprecedented combination of pure sports-car performance, practicality and safety. And while it was also the first passenger car in the U.S. to earn a "five-star" rollover rating—the highest possible—from the National Highway Traffic Safety Administration (NHTSA),* it never forgets that it's a true sports car. Fact is, the experts at Road & Track (8/04) were so inspired, they concluded: "...sports-car thrills and practicality can happily coexist."

* Government star ratings are part of NHTSA's New Car Assessment Program (NCAP). For complete test results, visit www.nhtsa.gov.







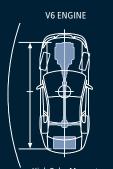
A. The RX-8 employs power-assisted 4-wheel disc brakes with massive ventilated rotors plus an Anti-lock Brake System with Electronic Brakeforce Distribution to help produce consistently linear, fade-resistant stops. B. Advanced dual front air bags, front seat-mounted side-impact air bags plus side-impact air curtains with coverage for both front and rear seats are standard on the RX-8. C. Side reinforcement beams in all four doors help deflect side-impact energy. Vertical reinforcement beams and special top-and-bottom latch mechanisms in the rear doors provide excellent side-impact protection and eliminate the need for center pillars.

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



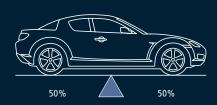






RENESIS ROTARY

Much of the Mazda RX-8's mass, including its powertrain and fuel tank, is positioned near its center point. This gives the RX-8 a "low-polar-moment-of-yaw" inertia and makes it highly responsive to changes in direction and easier to control. Cars with more widely distributed masses tend to be ess responsive and harder to control.



Since weight distribution directly impacts a sports car's handling, the RX-8 is engineered to maintain an approximate 50:50 weight distribution (front to rear), regardless of passenger load. The end result is handling that is more agile, predictable and stable.





in the RX-8 is lighter, more compact and provides a superior power-to-weight ratio. These inherent engine advantages help endow the RX-8 with a low center of gravity, an approximate 50:50 weight distribution, excellent handling and spirited acceleration.

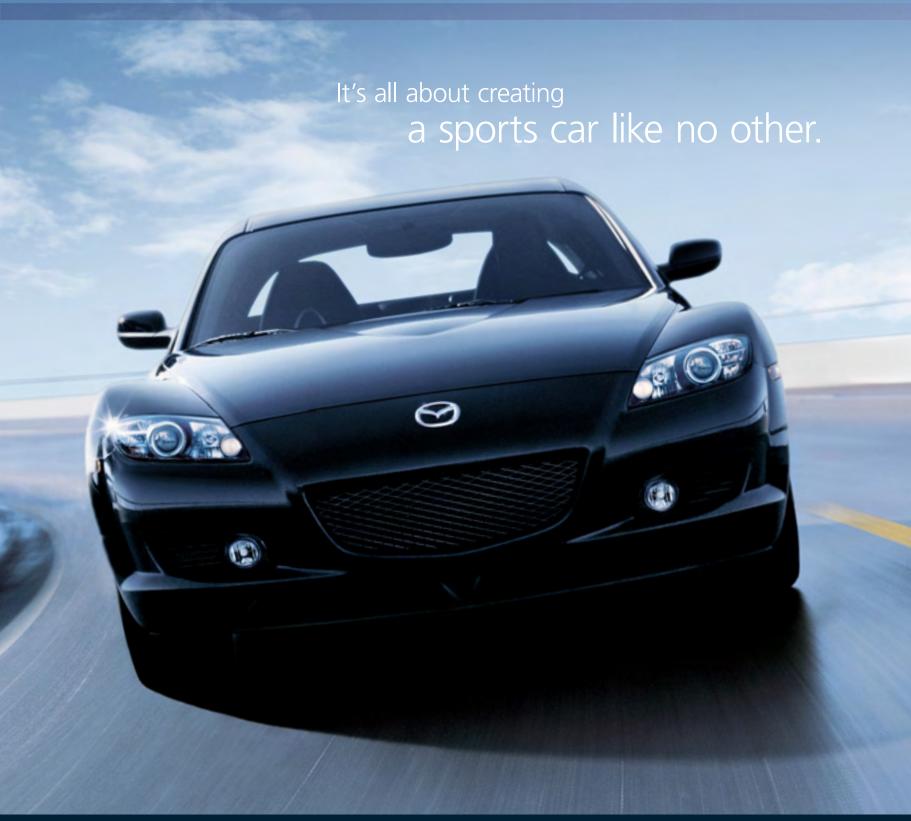
In contrast to a conventional V6 engine of

comparable power, the rotary engine found



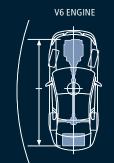


Form also beautifully follows function in the RX-8's cabin design. Taking full advantage of the rotary engine's more compact size and lighter weight, Mazda engineers were able to give the RX-8 a more rigid chassis and innovative cabin design that accommodates four full-size adults—all within dimensions virtually identical to a Porsche 911.





It's all about harnessing innovative technology and a 9000-rpm redline.



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fuel-air mixture is compressed. COMBUSTION STROKE: The compressed fuel mixture is ignited by two spark plugs. The force created by this combustion





HOW A ROTARY ENGINE WORKS: Instead of using 4 or 6 pistons

Mazda offers the RX-8 with two distinctly different powertrains to better match your personal driving style. For undiluted acceleration and control, there's an RX-8 with a sky-high 9000-rpm redline, 232 hp, a short-throw 6-speed manual gearbox, lightweight carbon-fiber driveshaft and Tochigi-Fuji torque-sensing limited-slip differential. For an exhilarating combination of convenience and fun, there's an RX-8 with a lofty 7500-rpm redline, 212 hp plus a 6-speed Sport AT automatic transmission with a manual shift mode that can be enjoyed via its console-mounted shifter or its steering-wheel-mounted paddle shifters. Both RX-8 powertrains utilize a Power Plant Frame that marries engine, transmission and differential into a single, super rigid unit to minimize powertrain twisting and wasted power. To help promote crisp, agile handling, every RX-8 employs a sophisticated double-wishbone front suspension featuring lightweight aluminum alloy upper and lower control arms as well as a sport-tuned multilink rear suspension that's "preloaded" to deliver lag-free, responsive compliance. To further enhance the RX-8's handling and performance in adverse driving conditions, a Dynamic Stability Control System with an integral Traction Control System is also available. Fact is, the experts at AUTOMOBILE Magazine (2/04) were so impressed by its innovative overall design, they raved: "The RX-8 is our kind of car, a real sports car with heart and chutzpah."





Simply put, "Zoom-Zoom" is the emotion of motion—in all of its varied and exhilarating forms. Especially racing. Which is why, on any given weekend, there are more Mazdas on the roadrace tracks of America than any other brand of vehicle.* And why the competition-proven power and reliability of Mazda's rotary engine technology continue to make their mark on so many levels. In 2004 and 2005, for example, a Mazda RX-8 captured consecutive Grand-Am Cup ST Class Championships—while besting the likes of Audi, BMW and Acura. Equally impressive, the RENESIS rotary engine that powers every Mazda RX-8 powers every Pro Formula Mazda competing in the Star Mazda Racing Championship. Rotary power is even making an impact in the high-powered American Le Mans Series (ALMS). During its initial season of competition in 2005, a three-rotor/400+ hp Mazda P2-class racer amassed eight podium finishes in its first nine races. But then, Mazda is all about competing, learning, refining and improving. Fact is, our commitment to Zoom-Zoom can even be seen in the legendary racing venue that shares our name— Mazda Raceway Laguna Seca.

* Based on Sports Car Club of America racing data.









RX-8 SPECIFICATIONS

SPECIFICATIONS	6-speed manual	6-speed Sport AT
Engine size and type	1.3-liter RENESIS 2-rotor rotary	1.3-liter RENESIS 2-rotor rotary
Compression ratio	10.0:1	10.0:1
Engine intake configuration	6-port	6-port
Horsepower, SAE net	232 @ 8500 rpm	212 @ 7500 rpm
Torque, SAE net lb-ft	159 @ 5500 rpm	159 @ 5500 rpm
Transmission	6-speed manual	6-speed Sport AT automatic
Drivetrain/layout	Front mid-engine/rear-wheel drive with Power Plant Frame	Front mid-engine/rear-wheel drive with Power Plant Frame
Steering ratio	16.4:1 (3.0 turns, lock-to-lock)	16.4:1 (3.0 turns, lock-to-lock)
Turning circle, curb-to-curb	34.8 feet	34.8 feet
Front brakes	12.7-inch ventilated discs	11.9-inch ventilated discs (std) 12.7-inch ventilated discs (avail)
Rear brakes	11.9-inch ventilated discs	11.9-inch ventilated discs
Fuel capacity/fuel requirement	15.9 U.S. gallons/premium unleaded gasoline	15.9 U.S. gallons/premium unleaded gasoline
EPA estimated fuel economy, mpg	18 city/24 highway	18 city/25 highway
Curb weight with popular options (lb)	3045	3075
EXTERIOR DIMENSIONS		
Wheelbase/overall length (in)	106.4/174.3	106.4/174.3
Overall width/height (in)	69.7/52.8	69.7/52.8
Track, front/rear (in)	58.9/59.3	58.9/59.3
INTERIOR DIMENSIONS		
Front headroom/legroom/shoulder room (in)	38.2/42.7/54.8	38.2/42.7/54.8
Front headroom with moonroof (in)	36.7	36.7
Rear headroom/legroom/shoulder room (in)	36.8/32.2/54.9	36.8/32.2/54.9
Rear headroom with moonroof (in)	36.5	36.5
Trunk volume (cu ft)	7.6	7.6

MECHANICAL FEATURES	6-speed manual	6-speed Sport AT
Dual engine-oil coolers	S	S
Lightweight carbon-fiber driveshaft	S	_
☐ Tochigi-Fuji torque-sensing limited-slip differential	S	Р
Rack-and-pinion steering with electric variable assist	S	S
■ Power-assisted 4-wheel disc brakes	S	S
☐ Anti-lock Brake System (ABS) with Electronic Brakeforce Distribution (EBD)	S	S
Upgraded brake system with larger front brake discs	S	Р
☑ Double-wishbone front suspension with light-alloy upper and lower arms, strut-tower brace, coil springs and stabilizer bar	S	S
Multilink rear suspension with low-mounted coil springs and stabilizer bar	S	S
Tire-Pressure Monitoring System (TPMS)	S	S

S: Standard O: Optional P: Package A: Dealer-available accessory —: Not available

RX-8 EQUIPMENT & SPECIFICATIONS

EXTERIOR FEATURES	6-speed manual	6-speed Sport AT
Twin bright-tipped exhaust outlets	S	S
16-inch alloy wheels with 225/55R16 high-performance tires	-	S
18-inch alloy wheels with 225/45R18 high-performance tires	S	Р
™ "Freestyle" door system	S	S
Aluminum hood and rear doors	S	S
Flip-out rear quarter windows	S	S
In-glass radio antenna; rear window defogger	S	S
Dual body-color power remote mirrors	S	S
2-speed variable intermittent windshield wipers	S	S
Clear-lens halogen headlights with projector-type low beams	S	S
INTERIOR FEATURES		
☑ Dual front air bags*	S	S
Front seat-mounted side-impact air bags*	S	S
Side-impact air curtains* with coverage for front and rear seats	S	S
3-point safety belts for all seating positions	S	S
Rear-seat LATCH child-safety-seat anchors	S	S
Reclining front bucket seats	S	S
3 4-passenger seating with rear bucket seats and trunk pass-through	S	S
Cloth-trimmed upholstery; carpet floor mats	S	S
Center console with covered storage, dual cup holders and 12-volt power point	S	S
Rear console with covered storage and dual cup holders	S	S
Overhead console with sunglasses holder and front map lights	S	S
Power windows with driver's 1-touch-down feature	S	S
Power door locks with 2-stage unlocking (driver's door; all doors)	S	S
Remote keyless entry system with two transmitters	S	S
Cruise control	S	S
Tri-mode gauge lighting: blue (entry); white-on-black (daytime); red-on-black (nighttime)	S	S
Digital speedometer with dual trip odometers	S	S
Center-instrument-panel display for clock, audio system, climate control and outside ambient temperature	S	S
Leather-wrapped 3-spoke tilt steering wheel with audio and cruise-control switches	S	S
Steering-wheel-mounted paddle shifters for Sport AT automatic transmission	-	S
Leather-wrapped gearshift knob	S	S
Heater/defroster with CFC-free air conditioning and dust and pollen filter	S	S
■ 100-watt AM/FM/CD stereo with 6 speakers, including 2 tweeters	S	S
Antitheft alarm system with engine immobilizer	S	S

* Always wear your safety belt and secure children in the rear seat, † SIRIUS Satellite Radio reception requires a subscription and Mazda satellite radio receiver accessory kit. Available only in the U.S., except Alaska and Hawaii.

RX-8 OPTIONS AND OPTION PACKAGES

OPTIONS/PACKAGES	RX-8
Performance Package (6-speed Sport AT): Self-leveling Xenon HID low-beam headlights; fog lights; Dynamic Stability Control with Traction Control System; Tochigi-Fuji torque-sensing limited-slip differential; 18-inch wheels and tires; larger front brakes; sport-tuned suspension	O (RX-8 Sport)
Performance Package (6-speed-manual): Self-leveling Xenon HID low-beam headlights; fog lights; Dynamic Stability Control with Traction Control System	O (RX-8 Sport)
Appearance Package: Front air dam, side and rear aero flares (not available with front and rear splash guards)	O/A
Rotary Accent Package: Polished front and rear rotary accents	O/A
🔊 Navigation system: DVD-based with retractable 7-inch LCD screen	0
SIRIUS Satellite Radio¹ receiver kit	O/A
Rear wing spoiler	O/A
Fender strakes	O/A
Front and rear splash guards (not available with Appearance Package)	O/A
In-dash 6-disc CD changer (Sport only, standard on Touring and Grand Touring)	O/A
Spare-tire kit (trunk-mounted; includes wheel, tire and mounting hardware)	0
All-weather floor mats	O/A
Shock sensor alarm	O/A
Cargo tray	O/A
Cargo organizer	O/A
Collapsible cargo carrier	O/A
Cargo net	O/A
Door-edge guards	O/A
Moonroof wind deflector (Touring or Grand Touring models)	O/A

MazdaUSA.com

Wherever you see this symbol, you can get the whole story on our interactive Web site.

COLOR COMBINATIONS



BRILLIANT BLACK CLEARCOAT

	TRIM LEVEL	INTERIOR FABRICS
	RX-8 Sport, Touring	Black Cloth
	RX-8 Grand Touring	Black Leather, Black/Red Leather
		Sand Leather



SUNLIGHT SILVER METALLIC

TRIM LEVEL	INTERIOR FABRICS
RX-8 Sport, Touring	Black Cloth
RX-8 Grand Touring	Black Leather, Black/Red Leathe



STORMY BLUE MICA

TRIM LEVEL	INTERIOR FABRICS	
RX-8 Sport, Touring	Black Cloth	
RX-8 Grand Touring	Black Leather, Sand Leather	



PHANTOM BLUE MICA

INTERIOR FABRICS Black Cloth RX-8 Grand Touring Black Leather, Sand Leather



VELOCITY RED MICA

TRIM LEVEL	INTERIOR FABRICS
RX-8 Sport, Touring	Black Cloth
RX-8 Grand Touring	Black Leather, Black/Red Leat
	Sand Leather



GALAXY GRAY MICA

INTERIOR FABRICS
Black Cloth
Black Leather, Black/Red Leather,
Sand Leather

RX-8 MODELS

RX-8 TOURING (6-speed manual)

Includes the following features in addition to or in place of RX-8 Sport:

- 300-watt Bose® 9-speaker audio system with AudioPilot® automatic noise compensation technology
- In-dash 6-disc CD changer
- Power sliding-glass moonroof
- Auto-dimming mirror with HomeLink®
- Self-leveling Xenon HID low-beam headlights
- Fog lights
- Dynamic Stability Control with Traction Control System

RX-8 TOURING (6-speed Sport AT)

Includes the following features in addition to or in place of RX-8 Sport:

- 300-watt Bose® 9-speaker audio system with AudioPilot® automatic noise compensation technology
- In-dash 6-disc CD changer
- Power sliding-glass moonroof
- Auto-dimming mirror with HomeLink®
- Self-leveling Xenon HID low-beam headlights
- Fog lights
- 18-inch wheels and tires
- Larger front brakes; sport-tuned suspension
- Tochigi-Fuji torque-sensing limited-slip differential
- Dynamic Stability Control with Traction Control System

RX-8 GRAND TOURING

Includes the following features in addition to or in place of RX-8 Touring:

- Mazda Advanced Keyless Entry System
- Leather-trimmed seats
- 8-way power driver's seat and lumbar support
- Heated front seats
- Heated mirrors



CHISTAL WHITE I LANE		
	TRIM LEVEL	INTERIOR FABRICS
	RX-8 Sport, Touring	Black Cloth
	RX-8 Grand Touring	Black Leather, Black/Red Leathe
		Sand Leather









Product Changes and Options Availability: 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-todate information. Mazda reserves the right to change product specifications at any time described in this brochure are available at extra with other options or subject to additional





BLACK LEATHER





BLACK CLOTH

BLACK/RED LEATHER

SAND LEATHER

A top priority is your peace of mind.

We want your new Mazda RX-8 to be a source of pride, exhilaration and peace of mind for years to come. Which is why every new 2007 Mazda vehicle is covered by all of the following:

- A 3-year/36,000-mile* "bumperto-bumper" limited warranty.
- A 3-year/36,000-mile,* 24/7 **Emergency Roadside Assistance** program.
- A 5-year/60,000-mile* limited powertrain warranty.

For details, please see your Mazda dealer, visit MazdaUSA.com or call toll-free 800-639-1000.

Make the ultimate cyberspace pit stop.

For more motorized fun of the virtual variety, Web surf yourself straight over to MazdaUSA.com and add it to your list of favorites. You can scope out all the new Mazdas—even compare them to the competition. Download photos, vehicle specs and MSRPs. Order brochures. Score seasonal incentives and special services offers. Pick up handy maintenance tips. Get updates on driving technology, tuning and

motorsports in the MAZDASPEED area. Interactively "build" the Mazda RX-8 of your dreams and trick it out with your favorite accessories. Request a quote. Even locate a Mazda dealer. It's the guick and easy way to bring yourself totally up to speed.

Mazda American Credit Financing made simple.

Whether you're interested in buying or leasing a new Mazda, Mazda American Credit (MAC) is committed to helping make the financing process a convenient, hassle-free and satisfying experience. Put our first-class customer service to the test. Simply ask your Mazda dealer to explain which MAC purchase or lease plan best meets your needs. Or visit MazdaCredit.com for more information.

* Whichever comes first.

Genuine Mazda Accessories:

The real deal.

Part of the joy of owning a new Mazda RX-8 is personalizing it. And the best way to enhance its appearance or performance is with Genuine Mazda Accessories. Better yet, all Genuine Mazda Accessories installed by your Mazda dealer, prior to or at initial vehicle retail delivery, carry the same new-vehicle limited warranty as your new Mazda. See your dealer for details.

- Grille-Trim Ring¹ Fog Lights²
- Front Air Dam³
- Polished Front Rotary Accent
- Polished Rear Rotary Accent
- Full Front Mask
- Front Splash Guards
- Polished Aluminum Fender Strakes
- Door-Edge Guards
- Side Aero Flares
- 18-Inch Dark-Chrome-Appearance
- Aluminum Wheels Wheel Centers⁴
- Rear Splash Guards
- Rear Aero Flares⁶
- Rear Wing Spoiler
- Moonroof Wind Deflector

A. Mazda iPod® Integration Module. Taking your Apple® iPod along for the ride just became a lot easier. Mazda's

iPod Integration Module allows you to play your iPod through your Mazda RX-8 audio system with crystal-clear sound and a built-in battery charger. Works with all 30-pin, dock-connector-equipped iPods. (iPod not included. See your dealer for compatibility conditions and limitations on installation.) B. RX-8 Car Cover. Protect the finish

of your new RX-8 from the damaging effects of sun, weather and dirt with a custom-fit car cover. Tailor-made to fit the RX-8, special features include side-mirror pockets, rear-license-plate window and RX-8 logo. Made of durable, lightweight, weather-resistant StormShield® fabric. Available in Red/Black, Blue/Black, Gray/Black and Yellow/Black.

- Car-Cover Cable Lock
- B-Pillar Appliqué
- Exhaust Finishers
- Aldehvde Filter
- Windshield Sunscreen
- Cassette Plaver • In-Dash 6-Disc CD Changer
- CD/MP3 Player
- MiniDisc Player
- PhatNoise® Car Audio System
- SIRIUS Satellite Radio Receiver Kit[†]
- Leather Gearshift Knob with Rotary Emblem
- Night Lights 9
- Aluminum Accelerator Pedal
- Aluminum Brake Pedal
- Aluminum Foot Rest ⁸

- Aluminum Doorsill Trim Plates Aluminum Air Vent Bezels

 - Aluminum-Tone Power Window Switches
 - Carpet Floor Mats
 - Premium Carpet Floor Mats
 - All-Weather Floor Mats
 - Rear-Door-Trim Protectors
 - Spare-Tire Mounting Kit ¹¹ Cargo Tray
 - Cargo Organizer
 - Collapsible Cargo Carrier

 - First Aid Kit
 - Roadside Assistance Kit
 - Wheel Locks
 - Touch-Up Paint

SIRLUS REQUIRES a subscription and Mazda satellite radio receiver accessory kit. Apple® and iPod® are registered trademarks of Apple Computer, Inc.

1. Cannot be used with front air dam and automatic transmission. 2. Blue-tint, clear or multitint. 3. Cannot be used with grille-trim ring and automatic transmission. 4. Polished with Mazda emblem or black with rotary emblem. 5. Cannot be used with rear aero flares. 6. Cannot be used with rear splash guards. 7. Available in four color combinations. 8. With automatic transmission. 9. Driver/passenger. 10. Includes mounting hardware and wheel; tire sold separately.



