

zoom-zoom

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2003 **MX-5 MIATA**

Get more detailed information on your Mazda MX-5 Miata. Check out our website at [www.mazda.ca](http://www.mazda.ca) for specifications and features, option packages, pricing, financing and to find a dealer near you.



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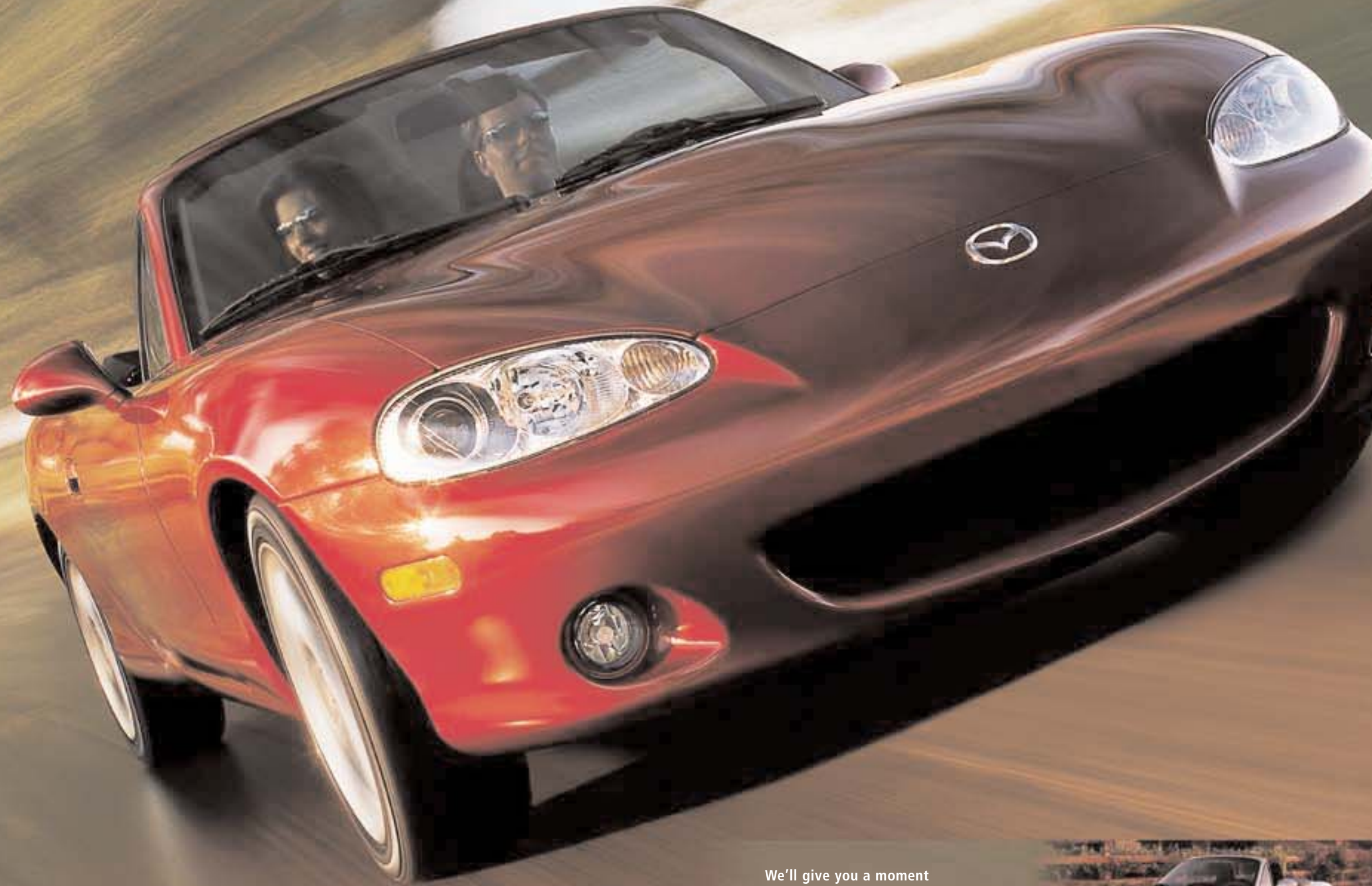


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# Runs a **close third** to food and shelter.

Rev a Mazda MX-5 Miata up to the redline, shift up through the gears, and you could find yourself **shifting your priorities too**. You'll feel instantly more alive, your senses heightened, extra adrenaline coursing through your veins. Driving doesn't get any better – or purer – than this.



**We'll give you a moment  
to catch your breath.**

One glance tells you everything about what the Mazda MX-5 Miata is and what it can do for you. Even at rest, it can have you grinning from ear to ear.





A silver Mazda MX-5 Miata is shown from a rear three-quarter view, driving on a winding asphalt road. The car is in motion, with a blurred background of trees and a clear sky. The license plate reads 'LBZ 836'.

Whenever it gets **hungry**,  
just toss it **another curve**.

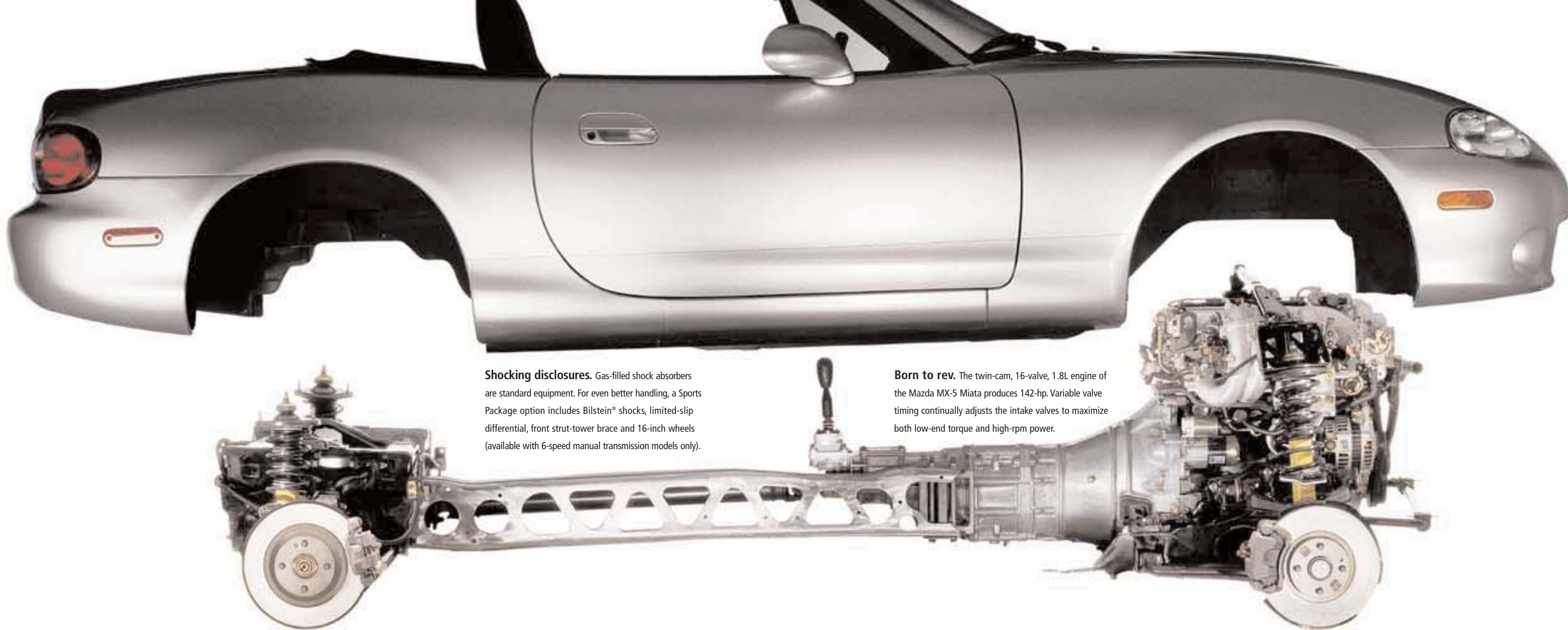
Hairpins, sweepers, decreasing-radius, S-curves – the Mazda MX-5 Miata can devour them all. You easily "read" the road, making the little adjustments that let you hold your line. You feel as if you were on the proverbial rails, thanks to the taut suspension and quick rack-and-pinion steering. It's a good thing there's an endless supply of curves out there. Because neither you nor your Mazda MX-5 Miata will ever get your fill.

#### Mazda Raceway at Laguna Seca.

One of the most famous and challenging racetracks in the United States is now the Mazda Raceway at Laguna Seca (formerly Laguna Seca). Partnership and participation at this venue underscore the long-standing Mazda commitment to cutting-edge performance on the track. We put more than our name on the track – we put cars there too. In 2002, the Inaugural MAZDASPEED Cup featured identically prepared Mazda MX-5 Miatas, racing head-to-head. With 70 participants, the event broke previous racer/driver records for the track.







**Shocking disclosures.** Gas-filled shock absorbers are standard equipment. For even better handling, a Sports Package option includes Bilstein® shocks, limited-slip differential, front strut-tower brace and 16-inch wheels (available with 6-speed manual transmission models only).

**Born to rev.** The twin-cam, 16-valve, 1.8L engine of the Mazda MX-5 Miata produces 142-hp. Variable valve timing continually adjusts the intake valves to maximize both low-end torque and high-rpm power.

## In addition to **heart** and **soul**, you'll find **real backbone.**

**Driving a Mazda MX-5 Miata may be the stuff of dreams, but there's a lot of very tangible engineering skill behind that performance.** Of course, our engineers had an inherent advantage. They were able to design the Mazda MX-5 Miata as

a purpose-built sports car from the ground up, rather than trying to inject soul into some common-platform underpinnings. The body is rigid and

strong without needing the retrofit reinforcements often required when converting a coupe layout. Rear-wheel drive and an ideal 50/50-weight distribution are major contributors to the classic sports-car dynamics of exceptional agility and lightning-quick response to driver input. Every single component plays its part in creating the heart and soul of a pure sports car. And, as you can see, the Mazda MX-5 Miata has plenty of backbone as well.



**Above: Energy conservation.** Generally, under acceleration the driveshaft torque tends to twist the whole drivetrain, wasting energy and performance. But our Power Plant Frame effectively ties the engine, transmission and differential together into a rigid unit, preventing this twisting. So every touch of the gas translates directly into power at the rear wheels, giving the Mazda MX-5 Miata its tight, quick feel.

**Left: Connect the corners.** The double-wishbone suspension, front and rear, provides more precise control of wheel alignment than most of the strut-type designs common to sedans. The result? Better road-holding in corners. What you should expect of a true sports car.



**Switching gears.** Because the gearbox of the Mazda MX-5 Miata sits right below the driver's right hand, there's no long shift linkage. Throws are short and sure, as if you were operating a switch instead of a lever. A 5-speed manual is standard, though a 6-speed manual is available with both the Sports and Leather Packages.





## Finally. Somebody got it right.

Cockpit design is every bit as important as driving dynamics to the pure sports car experience. And the Mazda MX-5 Miata delivers here, too. From the supportive seats to the leather-wrapped steering wheel to the classic gauges, every feature improves your communication with the road and heightens your exhilaration. And when you go for that heel-and-toe downshift at the end of a long straight, you'll know we did it right.





## 2003 MAZDA MX-5 MIATA ACCESSORIES



Pictured below from left to right: Windblocker™, rear mud guards and front mask.



For further information please refer to the Mazda 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 MX-5 Miata.

- Cassette player • In-dash 6-disc CD changer • NARDI® wood shift knob • Windblocker™ • Wood parking-brake handle • Mud guards (front and rear) • Rear lip spoiler
- Front mask • Engine block heater • Tonneau cover
- Wheel locks (set of 4) • Chrome deck-lid rack • Wood-tone dash kit • MiniDisc player • Chrome fuel-filler door
- Stainless steel scuff plates • Perimeter alarm system
- Front air dam • Side sill extensions

## COLOUR COMBINATIONS

EXTERIOR	INTERIOR	
	CLOTH	LEATHER
Pure White	Black	–
Brilliant Black	Black	Beige/Black
Classic Red	Black	Black
Midnight Blue	Black	Beige
Sunlight Silver Metallic	Black	Black
Emerald Mica	Black	Beige
Garnet Red Mica	Black	Beige
Tropical Green	Black	–



Midnight Blue



Black Cloth



Sunlight Silver Metallic



Black Leather



Pure White



Emerald Mica



Beige Leather



Brilliant Black



Garnet Red Mica



Classic Red



Tropical Green

## 2003 MX-5 MIATA SPECIFICATIONS

### ENGINE

Type	Inline 4-cylinder
Valve gear	DOHC 16-valve w/S-VT intake
Displacement	1,839 cc
Bore and stroke	3.27 inch x 3.35 inch
Compression ratio	10.0:1
Horsepower SAE net	142 @ 7,000 rpm
Torque, SAE net lb.ft.	125 @ 5,000 rpm
Fuel system	Multi-port Electronic Fuel Injection (EFI)
Recommended fuel	Premium (unleaded)

### DRIVETRAIN

Type	Front engine/rear-wheel drive
Transmission	5-speed manual with overdrive 6-speed manual with overdrive Optional: 4-speed electronically controlled automatic with overdrive and lock-up torque converter

	5MT	6MT	AT
Gear ratios: 1st	3.136	3.760	2.450
2nd	1.888	2.269	1.450
3rd	1.330	1.645	1.000
4th	1.000	1.257	0.730
5th	0.814	1.000	–
6th	–	0.843	–
Reverse	3.758	3.564	2.222
Final drive	4.300	3.909	4.100
Clutch type	Single dry plate, hydraulically actuated (Except AT)		

### ELECTRICAL SYSTEM

Battery	12-Volt – 32 amp
Alternator	12-Volt – 80 amp
Cold cranking capacity	325 A
Ignition system	Distributorless electronic

### SUSPENSION

Frame	Unit body (Monocoque), Power Plant Frame (PPF)
Suspension	Fully independent double wishbone with coil springs, gas-filled shock absorbers, and front and rear stabilizer bars

### CHASSIS

Steering	Rack-and-pinion type with engine rpm sensing variable power-assist
Steering ratio	15.0:1
Steering wheel turns	2.7 (lock-to-lock)
Min. turning circle	9.2m (curb-to-curb)
Brakes	Power-assisted 4-wheel disc brakes with dual hydraulic circuits Front ventilated brakes Rear solid disc brakes Anti-lock Brake System (ABS) (Leather Package)

Wheels	15" alloy wheels 16" alloy wheels (Leather Package & Sports Package)
Tires	195/50R15 82V summer tire 205/45R16 83W summer tire (Leather Package and Sports Package)
Curb weight	5MT – 1,108kg / 4AT – 1,127kg / 6MT – 1,113kg

### CAPACITIES

Seating	2 persons
Engine oil capacity	4.0L
Coolant capacity	6.0L
Washer fluid tank	3.5L
Fuel tank	48L

### EXTERNAL DIMENSIONS (mm)

Wheelbase	2,265
Track (fr/r)	1,415/1,440
Overall length	3,945
Overall width	1,678
Overall height	1,228
Ground clearance	102 (laden); 117.9 (unladen)

### INTERNAL DIMENSIONS (mm)

Headroom	942
Legroom	1,086
Shoulder room	1,262
Hip room	1,250
VDA cargo volume	144L

### TRANSPORT CANADA FUEL ECONOMY RATINGS

	5MT	6MT	AT
City	10.2L/100km	10.4L/100km	10.6L/100km
Highway	7.7L/100km	7.8L/100km	7.8L/100km

### ESTIMATED PERFORMANCE DATA

Acceleration MT (0 - 100km/h; sec)	5MT:8.1/6MT:8.0
Top speed MT (km/h)	5MT:202/6MT:205
Coefficient of drag (Cd)	0.38
Weight Distribution (% fr/r)	50:50

## 2003 MX-5 MIATA FEATURES

### ENGINEERING FEATURES

	BASE	SPORTS PKG.	LEATHER PKG.
1.8L SVT 16-valve 4-cylinder engine with multi-port fuel injection	S	S	S
5-speed manual transmission	S	–	–
6-speed manual transmission	–	S	S
4-speed electronically controlled automatic transmission with overdrive and lock-up torque converter	O	–	O
Sport-tuned exhaust system with stainless steel tubular header	S	S	S
Rack-and-pinion steering with engine-rpm-sensing variable power-assist	S	S	S
Anti-lock Brake System (ABS)	–	–	S
4-wheel independent double wishbone suspension	S	S	S
Front and rear stabilizer bars	S	S	S
Power Plant Frame (PPF)	S	S	S
Limited-Slip Differential (LSD) (N/A on AT models)	–	S	S (6MT only)
Strut tower bar	–	S	S
Sport suspension including Bilstein® Shocks	–	S	–
Dual air bag (SRS) with cut off switch for passenger	S	S	S
Engine immobilizer theft-deterrent system	S	S	S

### EXTERIOR FEATURES

15-inch alloy wheels; 195/50R15 performance radial tires	S	–	–
16-inch alloy wheels; 205/45R16 performance radial tires	–	S	S
Black manual soft-folding convertible top	S	S	S
Black or beige tonneau cover coordinated to interior leather colour	–	–	S
Detachable hardtop, body colour	O	O	O
Power colour-keyed door mirrors	S	S	S
2-speed windshield wipers with intermittent and 1-wipe	S	S	S

### EXTERIOR FEATURES (cont'd)

	BASE	SPORTS PKG.	LEATHER PKG.
Fog lights	S	S	S
Aero Sport Package (front air dam, left/right side skirts and rear skirts)	DIO	DIO	DIO

### INTERIOR FEATURES

Factory installed air conditioning	–	–	O
AM/FM/CD player w/ 2 speakers	S(Module)	S(Module)	S(Module)
Bose® audio system (includes AM/FM/CD player w/ 4 speakers – 2 tweeters), with speed sensing auto audio volume control	–	–	S
Cruise control	–	–	S
Leather-wrapped steering wheel (3 spokes NARDI®)	S	S	S
NARDI® leather shift knob	–	S	S (6MT only)
Power door locks	S	S	S
Remote keyless entry with trunk release	–	–	S
Internal trunk and fuel door releases	S	S	S
Internal trunk release handle	S	S	S
Beige or black leather interior	–	–	S
Foldable Windblocker™ w/ storage pocket	–	–	S
Fuel warning lamp	S	S	S
Tachometer	S	S	S
Floor mats	S	S	S
ISOFIX child seat anchors	S	S	S

S = Standard      O = Optional      DIO = Dealer Installed Option      – = Not available

NARDI® is a registered trademark of Nardi Italia S.p.A. Bose® is a registered trademark of Bose Corporation. Windblocker™ is a trademark of Mazda Canada Inc. and Mazda North America Operations. Bilstein® is a registered trademark of August Bilstein GmbH & CO. KG.

**MAZDA WARRANTY** The basic warranty on the Mazda MX-5 Miata 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, 2003 Mazda MX-5 Miata owners are automatically enrolled in our Roadside Assistance Program. Roadside Assistance protects your Mazda MX-5 Miata 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 ADDED PROTECTION PLAN** For peace of mind motoring, we've created the Mazda Added Protection Plan (MAP). MAP 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 MAP plans include Personal Budget and Repair Inflation Protection. In addition, all MAP plans include Premium Roadside Assistance, which extends the roadside assistance coverage offered during the new vehicle limited warranty period throughout the MAP term. The Premium Roadside Assistance offers Towing, Battery Boost, Out-of-Fuel Coverage, Tire Service, Lockout Service, Emergency Travel Expense Reimbursement and Travel Planning. Should you ever decide to sell your Mazda vehicle, MAP 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.

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