

1997 MAZDA MX-5

MIATA ROADSTER



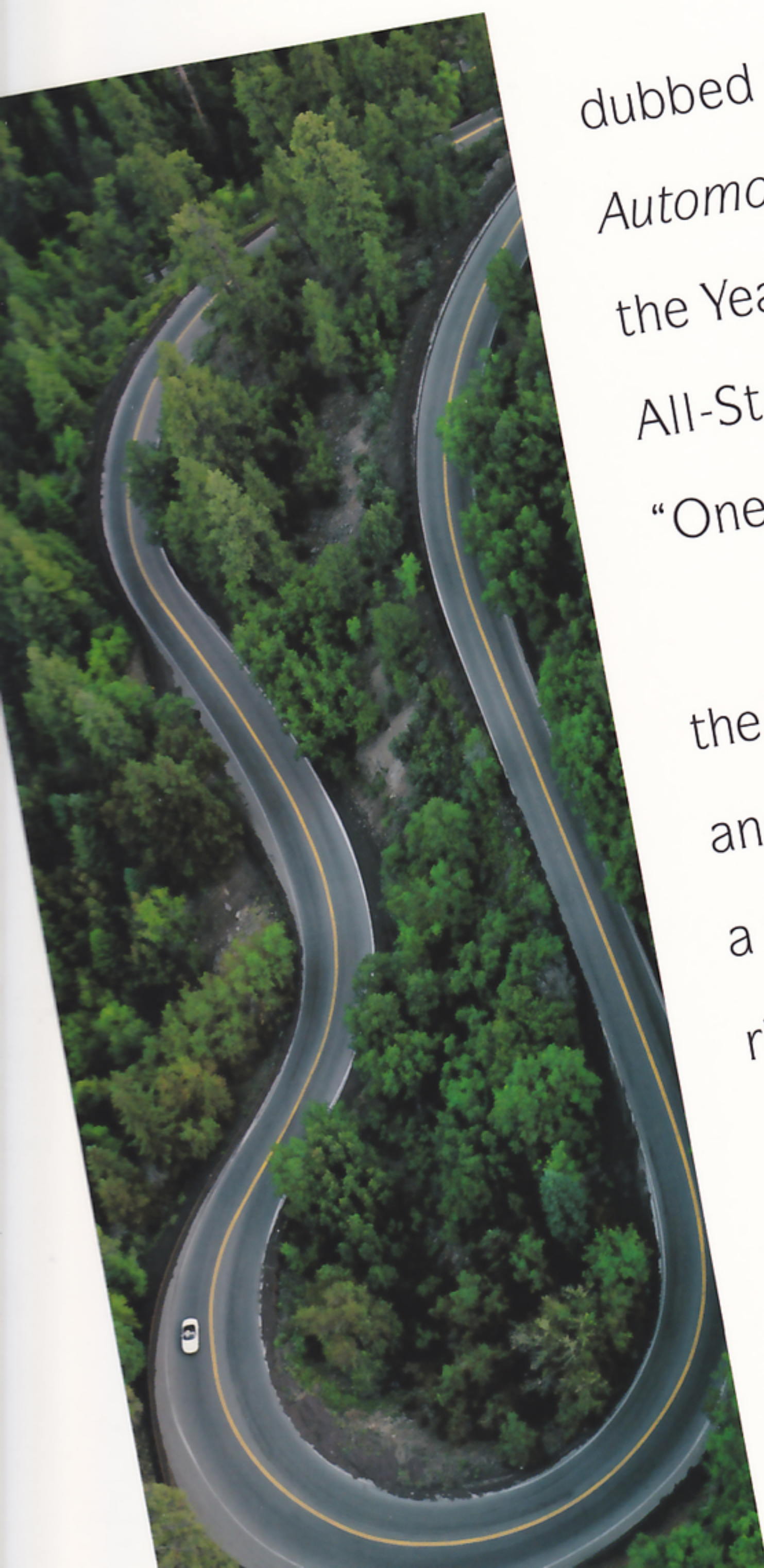
mazda

With just a few quick flicks of the gearshift along a twisty back road, Mazda returns you to the days of the classic British roadsters of the '50s and '60s. Yet the MX-5 Miata moves you forward with the technology and reliability of the '90s. Dual-overhead-cam engine, 4-wheel independent suspension, and the slickest transmission this side of a formula racer.

This is a ragtop so perfectly executed, it's been dubbed "One of the best cars a person could ever own."* *Automobile Magazine* honored the Miata as "Car of the Year" upon its introduction and has named it an All-Star every year since! *Road & Track* has called it "One of the Best-Handling Sports Cars in America."†

There's no better expression of passion for the road. The Mazda Miata single-handedly revived and reinvented the roadster. More than a car, it's a phenomenon—and one of the most exhilarating rides of our day.

MAZDA  **PASSION FOR THE ROAD.**



THE RIDE OF THE DECADE.



THE BEST-SELLING SPORTS CAR IN THE WORLD.

We designed the Mazda Miata from the ground up to be a roadster, with the traditional front engine/rear-drive configuration favored by sports-car purists. Agile, light and supremely responsive, the Miata also feels very solid on the road. Its body structure is exceptionally strong and rigid; we adapted design elements of exotic sports cars and employed a wide array of computer-aided design and manufacturing technology to reach the performance goals.

Even the smallest details received extraordinary attention. Engine sounds are an important part of the sports-car experience, especially in an open car. So we evaluated over 100 tape recordings of exhaust notes to ensure the ideal throaty resonance. In designing the cockpit, we even explored how it feels to drive with your elbow out the window.

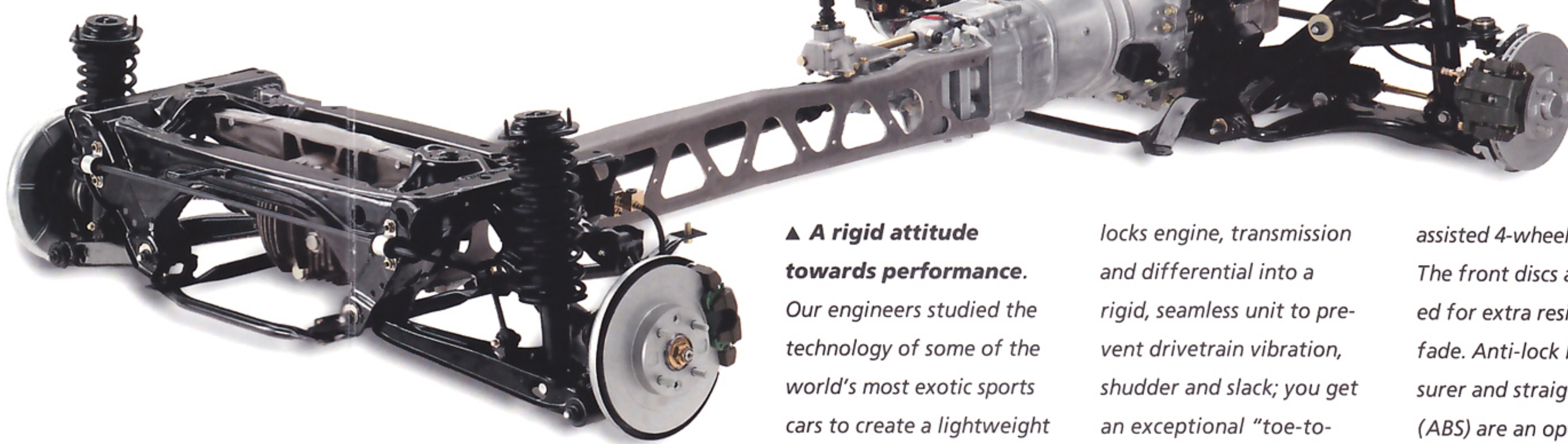
The Miata is not only a great sports car, it's a great value. Of course, it's well equipped. But put in the simplest terms, no car anywhere near its price range offers such a direct connection to the road. For that matter, few other cars at any price will give you this kind of driving fun.



▲ A jewel of an engine.

A 16-valve, 1.8-liter, dual-overhead-cam engine puts heart and soul into the Miata. While its 133 horsepower gives you brisk and satisfying performance, horsepower itself is only part of the Miata magic. Throttle response is so quick that winding it out is a visceral pleasure—the car practically comes alive in your hands. To achieve this character, we adapted racing

technology, specifically in the induction and exhaust tuning, and also paid special attention to reducing friction and inertia. The 5-speed manual transmission complements the engine to an unusual degree. Closely spaced ratios make smooth acceleration through the gears a snap. Shifting is literally a flick of the wrist—the throws are less than two inches.



▲ A rigid attitude towards performance.

Our engineers studied the technology of some of the world's most exotic sports cars to create a lightweight subframe called the Power Plant Frame (PPF). The PPF

locks engine, transmission and differential into a rigid, seamless unit to prevent drivetrain vibration, shudder and slack; you get an exceptional "toe-to-heel" feel. Potent stopping power comes from power-

assisted 4-wheel disc brakes. The front discs are ventilated for extra resistance to fade. Anti-lock brakes, for surer and straighter stops (ABS) are an option.

► To fully appreciate Miata, come closer.

Good as it is right out of the box, the Miata has many options that make it even more fun to own and drive. The Leather Package shown here includes tan leather seating surfaces,* leather-wrapped steering wheel, cruise control, power antenna, Torsen® limited-slip differential, and more. Some other options for your Miata include air conditioning, a removable hardtop with rear-window defogger, Mazda Premium Sound System with CD and a 4-speed automatic transmission.

*Seating surfaces upholstered in leather except for vinyl on seat side panels, rear sides of seat-backs, and other minor areas.



◀ Where the fun really begins. Sit in a Miata once and you'll feel as if you've always belonged there—that's how just right the design is. Very clean and uncluttered, the dash layout nevertheless includes complete instrumentation, analog gauges that you can comprehend without taking your eyes off the road. Even the stereo controls follow this straightforward theme.

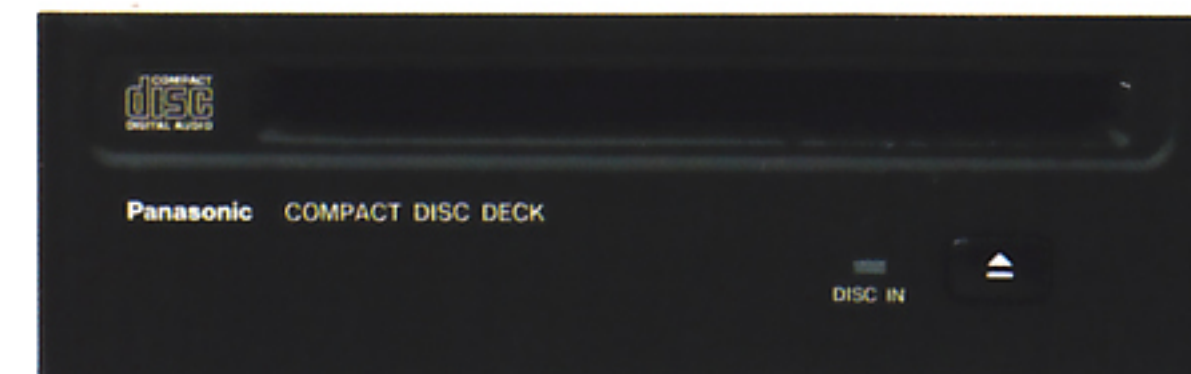


ACCESSORIES

► **Compact Disc Player.** Integrates perfectly with the standard Miata stereo system to give you the great sound and convenience of CDs.

► **Rear Spoiler.** Adds a subtle racing flair to your Miata; a good complement to the classic styling. Wing version also available.

► **Front Mask.** Custom-tailored, this heavy-duty vinyl cover with soft backing helps protect the front end from road debris. Designed to allow the headlights to operate and hood to open without interference.



Other Genuine Mazda Accessories available include: Air Conditioner, Bike Rack (removable), Car Cover, Compact Disc Changer, Competition Stripe Kit, Custom Alloy Wheels, Front Air Dam, Rear Skirt, Hardtop, Headrest Speakers, Mud Guards (front/rear), Scuff Plates, Tonneau Cover, Trunk Rack and Wood Dash Kit.

Availability and specifications of all Genuine Mazda Accessories in this publication vary from time to time and are subject to change without notice.

EXTERIOR COLORS



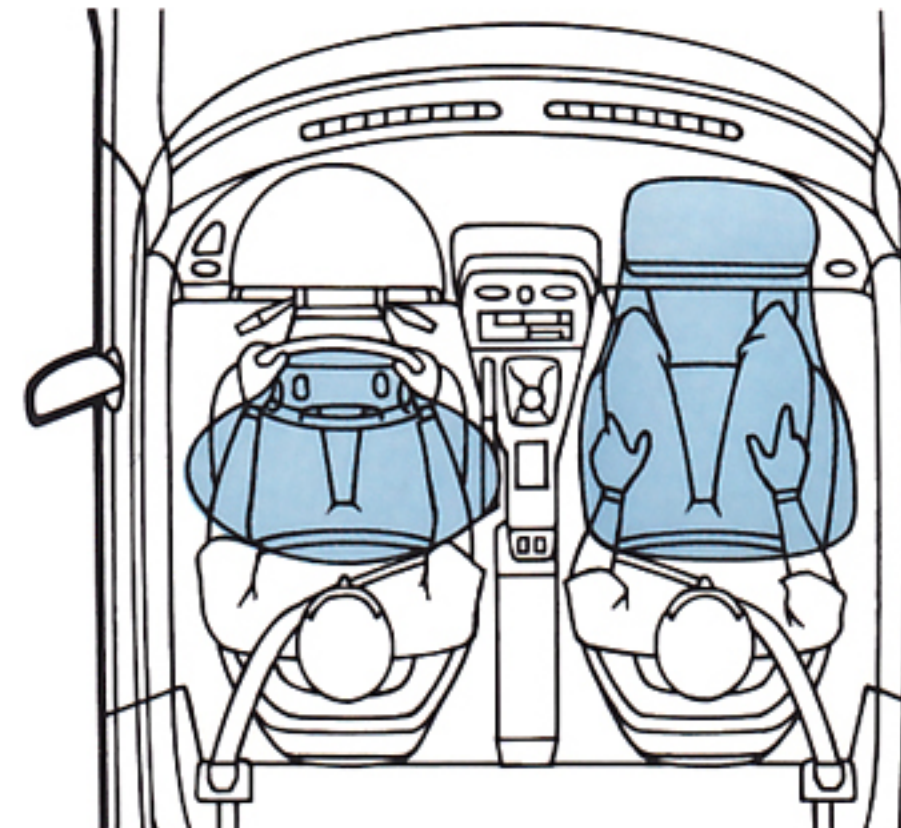
COLOR COMBINATIONS (INTERIOR/EXTERIOR)

Black Cloth/All colors
Tan Leather[†]/All colors

Specific combinations of colors and interiors may vary by season and geographical area.

*Not available on R Package.
[†]Requires Leather Package.

▼ **Safety first.** Miata's dual air bag Supplemental Restraint System (SRS)* is standard equipment, to reduce the risk of serious injury in certain frontal impacts. For the air bags to be fully effective, you must properly fasten your 3-point safety belts. As the chart below shows, air bags and safety belts are far from the only safety features built into the Miata.



SAFETY FEATURES

The Mazda Miata features the following safety equipment:

- Driver's- and passenger's-side air bag Supplemental Restraint System (SRS)*
- Three-point safety belts
- Anti-lock Brake System (ABS) (opt.)
- Side-impact door beams
- Dual-circuit 4-wheel disc brakes
- Energy-absorbing steering column and instrument panel
- Laminated windshield glass
- Integrated head restraints
- Center high-mount stop lamp
- Energy-absorbing crumple zones
- Breakaway inside rearview mirror
- Halogen headlights
- Side marker lamps and reflectors
- Automatic transmission shift interlock (A/T)

*Never use a rear-facing child restraint in this vehicle. See the Specifications and Features page for details.

SPECIFICATIONS & FEATURES

ENGINE

Type	Inline 4-cylinder
Valve gear	DOHC 16-valve
Displacement	1.8 liters (1839 cc)
Bore and stroke	3.27 x 3.35 inches
Compression ratio	9.0:1
Horsepower, SAE net	133 @ 6500 rpm
Torque, SAE net lb-ft	114 @ 5500 rpm
Fuel system	Multiport electronic fuel injection
Ignition system	Distributorless electronic

DRIVETRAIN

Type	Front engine, rear-wheel drive
Transmission	5-speed manual with overdrive 4-speed electronically controlled automatic with overdrive, lockup torque converter and Hold mode (optional)

CHASSIS

Frame	Unit body with Power Plant Frame
Suspension	Fully independent, double-wishbone type with coil springs, gas-filled shock absorbers and front and rear stabilizer bars
Steering	Rack-and-pinion; engine-rpm-sensing variable power assist (optional); steering ratio: 18:1 (15:1 with power assist); steering wheel turns, lock-to-lock: 3.3 (2.8 power assist); turning circle diameter, curb-to-curb: 30.0 feet
Brakes	Power assisted with dual diagonal hydraulic circuits, 10.0-inch ventilated front discs and 9.9-inch rear discs; Anti-lock Brake System (ABS) (optional) ¹
Tires	P185/60R14 82H radials
Fuel capacity	12.7 gallons
Curb weight	2293 lb 2359 lb (automatic transmission)

DIMENSIONS (inches)

Wheelbase	89.2
Length	155.4
Width	65.9
Height	48.2
Track: front/rear	55.5/56.2
Headroom	37.1
Legroom	42.7
Shoulder room	50.4

EPA MILEAGE ESTIMATES (mpg)

Manual transmission	23 city, 29 highway
Automatic transmission	22 city, 28 highway

STANDARD FEATURES

Dual air bag Supplemental Restraint System (SRS)*
Sport-tuned exhaust system with stainless steel tubular header
Power-assisted 4-wheel disc brakes
14-inch styled steel wheels with center caps
Dual body-color mirrors
2-speed windshield wipers with intermittent and one-wipe features
Lockable glove box
Resettable trip odometer
Black cloth upholstery
Full center console w/lockable storage, plus removable dual cup holder
Remote fuel-door and trunk releases
AM/FM/cassette stereo with integral digital clock

OPTION PACKAGES

Power Steering Package: Power steering and wheel trim rings[†]

Touring Package: Power steering, leather-wrapped steering wheel, power windows, power mirrors, aluminum alloy wheels with locks and door map pockets[†]

Popular Equipment Package: Touring Package items plus Torsen® limited-slip rear differential (manual transmission only), rear subframe brace rods, head-restraint speakers, cruise control, and automatic power antenna

Leather Package: Popular Equipment Package items, plus tan interior with leather seating surfaces[‡] and tan vinyl top

R Package: (requires manual transmission) Sport suspension with Bilstein shock absorbers, rear spoiler, front air dam, rear skirt, alloy wheels with locks, Torsen® limited-slip differential and rear subframe brace rods

OPTIONAL FEATURES

Anti-lock Brake System (ABS)¹

Automatic transmission²

Removable hardtop with rear window defogger³

Air conditioning

Mazda Premium Sound System (MPSS) with compact disc player⁴

WARRANTY

The Mazda 36-month/50,000-mile, "bumper-to-bumper" limited warranty. Mazda warrants that the Mazda vehicle will be free of defects with normal use and prescribed maintenance for 36 months or 50,000 miles, whichever comes first, or Mazda will repair any problem without charge. Ordinary maintenance items or adjustments, parts subject to normal wear and replacement and certain other items are excluded. This transferable "limited warranty" is free on all new 1997 Mazda vehicles sold and serviced in the United States. See your Mazda Dealer for details.

Complement your new-vehicle limited warranty with the Mazda Extended Protection Plan, the only service agreement backed by Mazda. Ask your dealer for details.

Information and illustrations in this brochure are based on the latest competitive and Mazda product information available at the time of publication. Some equipment shown is optional at extra cost, specific options may be available only in combination with other options. Specific combinations of colors, interiors, equipment or features may vary from time to time and by geographic area, colors in illustrations may vary from actual upholstery or paint colors due to reproduction and printing processes. Mazda reserves the right to make changes without notice in product content and price at any time. Each of the vehicles portrayed in this brochure is equipped with safety belts for occupant protection. Although the safety belts in one or more of the photographs or illustrations may not be shown in the normal position, safety belts should always be used in accordance with the instructions in the owner's manual.

*A child in a rear-facing child restraint can be badly injured by the passenger air bag if it inflates. Never use a rear-facing child restraint in this vehicle. For special instructions on other child restraints, please review the owner's manual. [†]N/A with hardtop, MPSS, or ABS. [‡]Seating surfaces upholstered in leather except for vinyl on seat side panels, rear sides of seatbacks, and other minor areas. ¹Requires Popular Equipment or Leather Package, plus MPSS. ²Requires option package (N/A with R Package). ³With manual transmission, requires Popular Equipment or Leather Package, N/A with MPSS or ABS. With automatic transmission, requires Leather Package, MPSS and ABS. ⁴Requires Popular Equipment or Leather Package.

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PASSION FOR THE ROAD™

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