

FUNCTIONAL FEATURES

	Miata	Shinsen Version	Miata LS	Miata SE
Engine				
1.8L DOHC 16-valve 4-cylinder engine with Variable Valve Timing (VVT)	■	■	■	■
Variable intake control system	■	■	■	■
Exhaust				
Stainless steel sport-tuned exhaust system with single outlet	■	■	■	■
Drivetrain				
Rear-wheel drive	■	■	■	■
5-speed manual overdrive transmission with short-throw shifter	■	■	■	---
6-speed manual overdrive transmission with short-throw shifter	---	---	O	■
4-speed electronically controlled automatic transmission	O	O	O	O
Limited-slip rear differential (not available for AT model)	O/P	■	■	■
Power Plant Frame (PPF)	■	■	■	■
Steering				
Power-assisted rack-and-pinion steering with engine-speed-sensing variable assist	■	■	■	■
Power steering delete (special order only by ordering directly from the Regional office, cannot be combined with any packages or options)	O	---	---	---
Front Suspension				
Independent double-wishbone	■	■	■	■
Special Sport Suspension w/Gas-filled Bilstein shock absorbers	---	---	---	---
Gas-filled shock absorbers	■	■	■	■
Sport Suspension w/Gas-filled Bilstein shock absorbers	P	---	P	---
Stabilizer bar	■	■	■	■
Shock tower brace	■	■	■	■
Rear Suspension				
Independent double-wishbone suspension	■	■	■	■
Special Sport Suspension w/Gas-filled Bilstein shock absorbers	---	---	---	---
Gas-filled shock absorbers	■	■	■	■
Sport Suspension w/Gas-filled Bilstein shock absorbers	P	---	P	---
Stabilizer bar	■	■	■	■
Brakes				
Power-assisted 4-wheel ventilated disc brakes	■	■	■	■
Anti-lock Brake System with EBD (ABS)	---	---	O	O

■ = Standard

P = Package Option

O = Stand Alone Option

A = Dealer-Installed Accessory

EXTERIOR FEATURES

	Miata	Shinsen Version	Miata LS	Miata SE
Body Type				
2-door convertible roadster	■	■	■	■
Styling				
Door handles – body-color	■	■	■	■
Bumpers – body-color	■	■	■	■
Front air dam – body-color	A/O	A/O	A/O	A/O
Side sill extensions – body-color	A/O	A/O	A/O	A/O
Bezels - headlamp / taillamp	A/O	A/O	A/O	A/O
Rear spoiler with integral center brake light	A/O	A/O	A/O	A/O
Vinyl convertible top with glass window and vinyl boot cover – black	■	---	---	
Beige or black cloth convertible top w/glass window & vinyl boot cover	---	---	■	---
Blue cloth convertible top with glass window and vinyl boot cover	---	■	---	---
Gray cloth convertible top with glass window and vinyl boot cover	---	---	---	■
Soft tonneau cockpit cover – black or parchment only	A/O	A/O	A/O	A/O
Windblocker™ antidraft panel with integral storage pouch	■	■	■	■
Detachable hardtop with rear window – body-color	O/A	A	A	A
<i>Detachable hardtop with rear window – body-color (deletes soft top)</i>	---	---	---	---
Bright logo badge: front / rear deck lid	■	■	■	■
Bright Mazda badge: rear end right hand side	■	■	■	■
Carline badge: rear of vehicle, left hand side	■	■	■	■
Special Shinsen Version / SE badging	---	■	---	■
Exterior-color touch-up paint	A	A	A	A
Aluminum hood – body-color	■	■	■	■
Fuel door – body-color	■	■	■	■
Fuel door – chrome-plated	A/O	A/O	A/O	■
Convenience				
Rear deck luggage rack – chrome-plated	A	A	A	A
Car cover	A	A	A	A
Car-cover cable lock	A	A	A	A
Protective front mask	A	A	A	A
Front and rear mudguards	A/O	A/O	A/O	A/O

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EXTERIOR FEATURES

	Miata	Shinsen Version	Miata LS	Miata SE
Wheels				
16-inch alloy wheels	■	■	■	---
16-inch alloy wheels unique design	---	---	---	■
Alloy wheel locks	■	■	■	■
Tires				
205/45R16 W-rated high-performance radial tires	■	■	■	■
Temporary spare tire	■	■	■	■
Lighting				
Fog lights - clear-lens halogen	■	■	■	■
Headlights - projector-type low beam	■	■	■	■
Windows/Mirrors				
2-speed fixed-intermittent windshield wipers	■	■	■	■
Solar-control tinted windshield with sunshade	■	■	■	■
Window trim – black	■	■	■	■
Dual power remote mirrors – body-color	■	■	■	■

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2003 MX-5 MIATA



INTERIOR FEATURES

Trim Levels

	Miata	Shinsen Version	Miata LS	Miata SE
Trim				
Cloth-trimmed upholstery - black	■	---	---	---
Cloth-trimmed upholstery - blue	---	■	---	---
Leather-trimmed upholstery - black or parchment	---	---	■	---
Leather-trimmed upholstery - gray	---	---	---	■
Full carpeting	■	■	■	■
Carpeted floor mats – front	■	■	■	■
Fully carpeted trunk area with carpeted floor mat	■	■	■	■
Power door locks	P	■	■	■
Interior door handles – aluminum - like	---	■	■	■
Door handles – black	■	---	---	---
Window-switch panel – black	■	■	■	■
Air vent bezels - aluminum - like	---	■	■	■
Air vent bezels - black	■	---	---	---
Map pockets on front doors	■	■	■	■
3-spoke NARDI® steering wheel – leather-wrapped	■	■	■	■
Shift knob – urethane automatic transmission	O	---	O	---
Shift knob – leather wrapped automatic transmission	---	O	---	O
Shift knob - urethane 5-speed manual transmission	■	---	■	---
Shift knob – Nardi leather wrapped 6-speed manual transmission	---	---	O	---
Shift knob – Two-tone leather wrapped	---	■	---	■
Shift plate bezel - aluminum - like	---	■	■	■
Shift plate bezel - black	■	---	---	---
Shift knob – wood	A	A	A	A
Four stitch shift knob boot	---	■	---	■
Parking brake handle – urethane	■	■	■	---
Parking-brake handle – wood	A	A	A	A
Parking-brake handle – leather	---	---	---	■
Parking brake button – black	■	---	---	---
Parking brake button – aluminum - like	---	■	■	■
Aluminum foot pedals and foot rest	---	---	---	■
Stainless steel scuff plates	A	A	A	■
Slam lock	■	■	■	■
Seating				
Reclining front bucket seats	■	■	■	■
Integrated head restraints for front outboard seating positions	■	■	■	■
Storage pocket on front passenger’s seatback	■	■	■	■
Windows				
Power windows with driver’s one-touch-down feature	■	■	■	■

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2003 MX-5 MIATA



INTERIOR FEATURES

Trim Levels

	Miata	Shinsen Version	Miata LS	Miata SE
Audio/Entertainment Systems				
AM/FM/CD audio system (modular)	■	■	■	---
AM/FM + in-dash 6CD changer (modular)	---	---	---	■
In-dash 6-CD changer (modular)	O/A	O/A	O/A	■
In-dash full-logic auto-reverse cassette player (modular)	O/A	O/A	O/A	O/A
In-dash MiniDisc player (modular)	O/A	O/A	O/A	O/A
2-speaker sound system	■	■	---	---
Bose® 4-speaker sound system including separate tweeters	---	---	■	■
Door mounted tweeter speakers	P	■	■	■
Digital clock	■	■	■	■
Speed-sensing automatic volume control	---	---	■	■
Power radio antenna	■	■	■	■
Climate Control				
Heater/defroster with 4-speed blower	■	■	■	■
CFC-free air conditioning	■	■	■	■
Rear window defogger	■	■	■	■
Front side-window demisters	■	■	■	■
Engine block heater	A	A	A	A
Instrument Panel				
Center-dash panel trim – wood-tone	A	A	A	A
Center-dash panel trim – aluminum - like	---	■	■	■
Center-dash panel trim - black	■	---	---	---
12-volt power outlet	■	■	■	■
Cigarette lighter	■	■	■	■
Ash tray	■	■	■	■
Gauges & Warning Lights				
Tachometer	■	■	■	■
Speedometer (140 mph)	■	■	■	■
Odometer	■	■	■	■
Resettable trip odometers (2)	■	■	■	■
Coolant temperature gauge	■	■	■	■
Water temp gauge	■	■	■	■
Oil pressure gauge	■	■	■	■
Battery charge indicator	■	■	■	■
Warning lamps: parking brake, high-beam, check engine, oil pressure, battery charge, seatbelts, airbags, fuel	■	■	■	■
White gauges with chrome bezels / black lettering	■	■	■	■
Red nighttime gauge illumination	■	■	■	■

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INTERIOR FEATURES

Trim Levels

	Miata	Shinsen Version	Miata LS	Miata SE
Comfort / Convenience				
Lockable center console with storage	■	■	■	■
Dual covered front cup holders	■	■	■	■
Remote keyless illuminated entry system	P	■	■	■
Remote trunk-lid release	■	■	■	■
Remote fuel-door release	■	■	■	■
Remote hood release	■	■	■	■
Cruise control with turn-signal-lever-mounted controls	P	■	■	■
Day/night rearview mirror	■	■	■	■
Passenger's visor vanity mirror	■	■	■	■
Auto dimming mirror with compass and temperature readout	A/O	A/O	A/O	A/O
Locking glove compartment	■	■	■	■
Power Door Locks	P	■	■	■
Cargo net	A/O	A/O	A/O	A/O
Lighting				
Trunk light	■	■	■	■
Delayed courtesy dome light on windshield header	■	■	■	■

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2003 MX-5 MIATA



SAFETY & SECURITY FEATURES

	Trim Levels			
	Miata	Shinsen Version	Miata LS	Miata SE
Safety				
5-mph bumpers	■	■	■	■
Side-impact door beams – front	■	■	■	■
Dual second-generation front air bags supplemental restraint system	■	■	■	■
Passenger-side air bag deactivation switch	■	■	■	■
Child seat anchor	■	■	■	■
Front safety-belt pretensioners with force limiters	■	■	■	■
Security				
Engine immobilizer security system	■	■	■	■
Antitheft perimeter alarm	A/O	A/O	A/O	A/O
Internal trunk release system	■	■	■	■
Keyless remote with panic feature	P	■	■	■

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OPTION PACKAGES

Trim Levels

	Miata	Shinsen Version	Miata LS	Miata SE
Convenience Package				
<ul style="list-style-type: none"> - Tweeter speakers - Power door locks - Cruise control - Remote keyless entry system <p><i>Note: Cannot be combined with the Cloth Suspension Package</i></p>	OPT	STD	STD	STD
Suspension Package				
<ul style="list-style-type: none"> - Tochigi Fuji torque-sensing limited-slip differential - Bilstein shock absorbers <p><i>Note: not available with the Convenience Package or automatic transmission</i></p>	OPT	---	---	---
Suspension Package				
<ul style="list-style-type: none"> - Bilstein shock absorbers - Available with 6-speed manual transmission and ABS only 	---	---	OPT	---

2003 MX-5 MIATA



INTERIOR & EXTERIOR COLORS

EXTERIOR	INTERIOR	BLACK CLOTH	BLUE CLOTH (1)	GRAY LEATHER (2)	PARCHMENT LEATHER (3)	BLACK LEATHER (3)
Pure White		■	---	---	■	---
Brilliant Black		■	---	---	■	■
Classic Red		■	---	---	---	■
Midnight Blue Mica		■	---	---	■	---
Sunlight Silver Metallic		■	---	---	■	■
Emerald Mica		■	---	---	■	---
Splash Green Metallic		■	---	---	---	■
Strato Blue Mica		---	---	■	---	---
Garnet Red Mica		■	---	---	■	---
Titanium Gray Metallic		---	■	---	---	---

(1) Blue cloth available w/ Miata Shinsen Version only

(2) Gray leather available w/ Miata SE only

(3) Black or Parchment leather available w/Miata LS only

2003 MX-5 MIATA

SPECIFICATIONS



ENGINE AND ELECTRICAL

	<u>Miata & Shinsen Version</u>	<u>SHARED</u>	<u>Miata LS & Miata SE</u>
Engine Type		1.8L DOHC 16-valve I-4 VVT	
Horsepower, SAE net		142 @ 7000	
Torque, SAE net		125 @ 5000	
Redline		7,000 to 8,000 RPM	
Displacement (ml / cc)		1,839 / 1,839	
Bore x Stroke (mm / in)		83 x 85 / 3.27 X 3.35	
Compression Ratio		10.0:1	
Fuel System		Multi-port electronic fuel injection	
Recommended Fuel		Premium Unleaded	
Minimum Fuel Requirement		Regular Unleaded, 91 RON	
Valvetrain		4 valves per cylinder	
Engine Block		Iron	
Cylinder Heads		Aluminum alloy	
Emission Control		Catalyst	
Ignition System		Distributorless Electronic	
Alternator		12V-80A	
Battery		Maintenance-free, 12V-32AH / 5HR	
Starter		12V-1.0 kW	
Spark-plug number (NGK / DENSO)		BKR5E11, BKR6E11 / K16PR-U11, K20PR-U11	
Spark-plug gap (mm / in)		1.0 - 1.1 / 0.040 - 0.043	

DRIVETRAIN

Type		RWD	
Transmission	6MT	5MT	4EC-AT
Clutch Type			
Ratios (:1) 1st	3.760	3.136	2.450
2nd	2.269	1.888	1.450
3rd	1.645	1.330	1.000
4th	1.257	1.000	0.730
5th	1.000	0.814	
6th	0.843		
Reverse	3.564	3.578	2.222
Final Drive	3.909	4.300	4.100

CHASSIS

	<u>Cloth & Shinsen Version</u>	<u>SHARED</u>	<u>LS & SE</u>
Body Type		Monocoque	
Front Suspension		Independent Double Wishbone w/coil springs, stabilizer bar	
Rear Suspension		Independent Double Wishbone w/coil springs, stabilizer bar	
Shock Absorbers		Cylindrical Double-Acting Gas Filled	
Steering Type		Rack-and-pinion	
Power Assist		Engine-rpm sensing; variable power assist	
Steering Wheel Turns Lock-to-Lock		2.7	
Turning Circle, Curb-to-Curb		30.2 ft.	
Braking System		Power assist w/dual diagonal hydraulic circuits	
Front Discs		Ventilated disc: 10.6 inch	
Rear Discs		Solid disc: 10.9 inch	
Parking Brake		Mechanical on rear wheels	
Anti-Lock Braking System	Not Available		Optional
Wheels		6 1/2JJ-16 aluminum alloy wheels	SE features unique alloy wheels
Tires		205/45R16 83W high performance	
Tire Inflation Pressures F/R		26 psi / 26 psi	
Temporary Spare Wheel		T105/70 D15	
Temporary Spare Tire F/R		60 psi / 60 psi	
Curb Weight lb. (5MT / 4AT / 6MT)		2443/2485/2454	

2003 MX-5 MIATA

SPECIFICATIONS



CAPACITIES

	<u>Miata & Shinsen Version</u>	<u>SHARED</u>	<u>Miata LS & Miata SE</u>
Crankcase		4 qt.	
Coolant		6.01	
Fuel Capacity		12.7 gal.	
EPA Passenger Volume (cu. Ft.)		46.0	
EPA Cargo Volume (cu. Ft.)		5.1	
EPA Total Volume: Cargo volume + passenger volume (cu. Ft.)		51.1	
EPA Vehicle Size Category		Two - seater	

FUEL ECONOMY (estimated)

EPA Mileage, City/Highway	5MT: 23 / 28, 6MT: 23 / 28, 4AT: 22 / 28
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EXTERIOR DIMENSIONS

Wheelbase	89.2 in.
Track, Front	55.7 in.
Track, Rear	56.7 in.
Length	155.3 in.
Width	66.1 in.
Height	48.3 in.
Minimum Ground Clearance (laden)	4.0 in.
Weight Distribution % front/rear	50 / 50
Coefficient of Drag (Cd)	0.37
Frontal Area	22.3 sq. ft.
Bumpers, front/rear mph crash test	5 mph

INTERIOR DIMENSIONS

Head Room	Front	37.1 in.
	Rear	not applicable
Leg Room	Front	42.8 in.
	Rear	not applicable
Shoulder Room	Front	49.7 in.
	Rear	not applicable
Hip Room		49.2 in.