



2004 MAZDASPEED MX-5 MIATA

MAZDASPEED
MX-5 MIATA

2-DOOR CONVERTIBLE

TRIM	SUGGESTED RETAIL PRICE*
CLOTH With 6-Speed Manual Transmission	\$ 25,500

OPTIONS

CODE	OPTION	
LS1	Black Leather Seats [†] with Red Stitching - Includes black cloth soft top, delete red door inserts	\$ 700
BEZ	Bezels, Head Lamp & Tail Lamp	\$ 190
CGN	Cargo Net	\$ 20
CAS	Cassette Player	\$ 200
FLD	Chrome Fuel-Filler Door	\$ 100
FLD	Door Edge Guards	\$ 45
PSL	Perimeter Shock Sensor Alarm	\$ 220

* Manufacturer's Suggested Retail Price, including Dealer Preparation and Check Up required by Manufacturer.
Does not include Destination Charge \$520.00 (Alaska \$680.00), State and Local Taxes or Fees or any other charges.

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



2004 MAZDASPEED MX-5 MIATA / FUNCTIONAL FEATURES

MAZDASPEED
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❖ ENGINE	
1.8-liter DOHC 16-valve inline-4	■
IHI single-scroll turbocharger with 8.5 psig boost	■
Denso air-to-air intercooler	■
Eurospec fresh air duct	■
Variable intake control system	■
❖ EXHAUST	
Enhanced exhaust sound and pre-silencer capacity with large exhaust tip	■
❖ DRIVETRAIN	
Rear-wheel drive	■
6-speed manual overdrive transmission with short-throw shifter	■
Short-throw shifter and gear shot-peening treatment	■
Bosch torque sensing limited-slip rear differential	■
Power Plant Frame (PPF)	■
❖ STEERING	
Rack-and-pinion	■
Engine-speed-sensing variable power assist	■
Optimized steering rack stroke (reduced from 60.5mm to 53.2mm)	■
❖ FRONT SUSPENSION	
Independent double-wishbone	■
Gas-filled Bilstein® shock absorbers with revised valving	■
MAZDASPEED tuning	■
23mm red painted stabilizer bar	■
Silver painted front suspension tower brace	■
❖ REAR SUSPENSION	
Independent double-wishbone suspension	■
Gas-filled Bilstein® shock absorbers with revised valving	■
MAZDASPEED tuning	■
14mm red painted stabilizer bar	■
❖ BRAKES	
Power-assisted 4-wheel ventilated disc brakes	■
Silver colored brake calipers	■
Anti-lock Brake System with EBD (ABS)	■

■ = Standard P = Package Option O = Option A = Dealer-Installed Accessory

Bold items are unique to *MAZDASPEED* Miata within the Miata lineup



2004 MAZDASPEED MX-5 MIATA / EXTERIOR FEATURES

MAZDASPEED
MX-5 MIATA

■ BODY TYPE	
2-door convertible roadster	■
■ STYLING	
Red wrinkle finish on valve cover with turbo logo	■
Anodized aluminum oil cap with MAZDASPEED logo	■
Front under spoiler	■
Rear deck spoiler	■
Rear under spoiler	■
Black vinyl convertible top	■
Black cloth convertible top (combined with leather interior)	0
Glass rear window	■
Vinyl boot cover	■
Windblocker® antidraft panel with integral storage pouch	■
Body-color fuel door	■
■ WHEELS	
17-inch Racing Hart alloy wheels	■
Alloy wheel locks	■
■ TIRES	
Toyo Proxes R28 205/40R17 80W rated tires	■
Temporary spare tire	■
■ LIGHTING	
Smoke finish headlamps	■
Projector-type low beam headlights	■
Halogen fog lights	■
■ WINDOWS / MIRRORS	
2-speed fixed-intermittent windshield wipers	■
Solar-control tinted windshield with sunshade	■
Body-color dual power remote mirrors	■

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2004 MAZDASPEED MX-5 MIATA / INTERIOR FEATURES

MAZDASPEED
MX-5 MIATA

TRIM	
Black cloth-trimmed upholstery with red inserts	■
Black leather-trimmed upholstery with red stitching*	○
Red door inserts (cloth interior)	■
Leather-wrapped 3-spoke steering wheel with red stitching	■
Leather-wrapped shift knob with red stitching	■
Leather wrapped parking brake handle with red stitching	■
Center panel with unique curl-fit finish	■
Shift plate bezel with unique curl-fit finish	■
Carpeted floor mats with MAZDASPEED logo	■
Alloy foot pedals and driver's alloy foot rest with MAZDASPEED logo	■
Stainless steel scuff plates with MAZDASPEED logo	■
Body-color rear view mirror cap with MAZDASPEED logo	■
Silver-finish interior door handles	■
Silver-finish air vent bezels	■
Map pockets on front doors	■
Silver-finish HVAC controls	■
Silver-finish meter rings	■
Silver-finish parking brake button	■
Slam lock	■
SEATING	
Reclining front bucket seats	■
Integrated head restraints for front outboard seating positions	■
Storage pocket on front passenger's seatback	■
AUDIO/ENTERTAINMENT SYSTEMS	
Bose® 6-speaker AM/FM/CD-changer sound system including separate tweeters	■
In-dash 6-CD changer with amber illumination	■
Digital clock	■
Speed-sensing automatic volume control	■
In-dash full-logic auto-reverse cassette player	○ / A
In-dash MiniDisc player with amber illumination	A
Power radio antenna	■
CLIMATE CONTROL	
Heater/defroster with 4-speed blower	■
CFC-free air conditioning	■
Rear window defogger	■
Front side-window demisters	■

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2004 MAZDASPEED MX-5 MIATA / INTERIOR FEATURES CONT.

MAZDASPEED
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▶ INSTRUMENT PANEL	
12-volt power outlet	■
Cigarette lighter	■
Ash tray	■
▶ GAUGES & WARNING LIGHTS	
Silver instrument panel meter gauges with MAZDASPEED logo	■
Gauges: Tachometer, 140 mph speedometer, odometer, dual trip odometers, water temp., oil pressure	■
Warning lamps: parking brake, high-beam, check engine, oil pressure, battery charge, seatbelts, airbags, fuel	■
Red nighttime gauge illumination	■
▶ COMFORT / CONVENIENCE	
Power windows with driver's one-touch-down feature	■
Power door locks	■
Remote keyless illuminated entry system	■
Remote releases for trunk-lid, fuel-door, and hood	■
Windblocker® antidraft panel with integral pouch	■
Lockable center console with storage	■
Dual covered front cup holders	■
Day/night rearview mirror	■
Dual visor vanity mirrors	■
Locking glove compartment	■
▶ LIGHTING	
Trunk light	■
Courtesy dome light on windshield header	■

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2004 MAZDASPEED MX-5 MIATA / SAFETY & SECURITY FEATURES

MAZDASPEED
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SAFETY

5-mph bumpers	■
Side-impact door beams	■
Dual second-generation front air bags supplemental restraint system*	■
Passenger-side air bag deactivation switch	■
Child seat anchor	■
High mount stop lamp	■
Front 3-Point safety-belt with pretensioners and force limiters	■

SECURITY

Engine immobilizer security system	■
Internal trunk release system	■
Keyless remote with panic feature	■

■ = Standard

P = Package Option

O = Option

A = Dealer-Installed Accessory

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* Always wear your safety belt. Deactivate passenger air bag when carrying children.



2004 MAZDASPEED MX-5 MIATA / OPTIONS

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OPTIONS AND ACCESSORIES

Black leather-trimmed upholstery* with red stitching - Includes black cloth top, deletes red door inserts	0
Black soft tonneau cockpit cover	0 / A
Headlamp taillamp and bezels	A
Detachable body-color hardtop with rear window	A
Door edge guards	0 / A
Chrome-plated fuel door	0 / A
Chrome-plated rear deck luggage rack	A
Car cover	A
Car-cover cable lock	A
Protective front mask	A
Engine block heater	A
Front and rear mudguards	A
Windshield sunshield	A
Cargo net	0 / A
Foot lamp	A
Exterior-color touch-up paint	A
Antitheft perimeter alarm	0 / A

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2004 MAZDASPEED MX-5 MIATA / INTERIOR AND EXTERIOR COLORS

INTERIOR			
	BLACK LEATHER w/ RED STITCHING (ND2)	BLACK CLOTH w/ RED CLOTH INSERT (ND8)	
EXTERIOR			
CODE	COLOR		
27A	Velocity Red Mica	■	■
29Y	Titanium Gray Metallic	■	■

■ = Applies



2004 MAZDASPEED MX-5 MIATA / SPECIFICATIONS

MAZDASPEED MX-5 MIATA

ENGINE & ELECTRICAL

Engine type	1.8-liter DOHC IHI Turbo Charged inline-4
Horsepower, SAE net	178 @ 6000
Torque, SAE net	166 @ 4500
Redline	6,500 RPM
Displacement (cc)	1,839
Bore x stroke (mm / in)	83 x 85 / 3.27 X 3.35
Compression ratio	9.5:1
Fuel system	Multi-port electronic fuel injection
Minimum fuel requirement	Premium unleaded, 91 octane or greater
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)	Denso iridium
Spark-plug gap (mm)	0.8

DRIVETRAIN

Type	Rear wheel drive
Transmission	6MT
Ratios (:1)	
1st	3.760
2nd	2.269
3rd	1.645
4th	1.258
5th	1.000
6th	0.843
Reverse	3.564
Final drive	4.100

CHASSIS

Body type	Monocoque
Rear suspension	Independent double wishbone w/ 37.7 N/mm coil springs, 23 mm stabilizer bar
Front suspension	Independent double wishbone w/ 27.6 N/mm coil springs, 14 mm stabilizer bar
Shock absorbers	Bilstein gas filled
Steering type	Rack-and-pinion
Power assist	Engine-rpm sensing variable power assist
Steering wheel turns lock-to-lock	2.3
Turning circle, curb-to-curb	34.2 ft.
Braking system	Power assist w/dual diagonal hydraulic circuits



2004 MAZDASPEED MX-5 MIATA / SPECIFICATIONS CONTINUED

MAZDASPEED MX-5 MIATA

CHASSIS CONTINUED

Brake discs	Front Rear	Ventilated: 10.6 inch Solid: 10.9 inch
Parking brake		Mechanical on rear wheels
Anti-Lock Braking System		Standard
Wheels		17 x 7J Racing Hart aluminum alloy wheels
Tires		Toyo Proxes R28 205/40R17 80W
Tire inflation pressures F/R		29 psi / 32 psi
Temporary spare wheel		T105/70 D15
Temporary spare tire pressure		60 psi
Curb weight lb.		2,529
GVWR weight lb. with AC		2,948

CAPACITIES

Crankcase		4 qt.
Coolant		6.2 L
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		51.1
EPA Vehicle Size Category		Two-seater

FUEL ECONOMY (estimated)

EPA mileage, city/highway		20/26
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EXTERIOR DIMENSIONS (inches unless specified)

Wheelbase		89.2
Track	Front Rear	55.7 56.7
Length		155.7
Width		66.1
Height		48.0
Minimum ground clearance (laden)		4.0
Weight distribution % front/rear		52/48
Coefficient of Drag (Cd)		0.375
Bumpers, front/rear mph crash test		5 mph

INTERIOR DIMENSIONS (inches)

Head room		37.1
Leg room		42.8
Shoulder room		49.7
Hip room		49.2