



2004 MIATA / MECHANICAL FEATURES

	Cloth	LS
ENGINE		
1.8L DOHC 16-valve 4-cylinder engine	■	■
Variable Valve Timing (VVT)	■	■
Variable intake control system	■	■
Stainless steel sport-tuned exhaust system with single outlet	■	■
TRANSMISSION		
5-speed manual overdrive transmission	■	■
6-speed manual overdrive transmission	---	0
Short-throw shifter	■	■
4-speed electronically controlled automatic transmission	0	0
DRIVETRAIN		
Rear-wheel drive	■	■
Power Plant Frame (PPF)	■	■
Tochigi Fuji torque-sensing limited-slip differential (manual transmissions only)	P	■
STEERING		
Rack-and-pinion	■	■
Engine-speed-sensing variable assist	■	■
FRONT SUSPENSION		
Independent double-wishbone	■	■
Gas-filled shock absorbers	■	■
Sport suspension with gas-filled Bilstein® shock absorbers	P	P
Stabilizer bar	■	■
Suspension tower brace	■	■
REAR SUSPENSION		
Independent double-wishbone	■	■
Gas-filled shock absorbers	■	■
Stabilizer bar	■	■
Sport suspension with gas-filled Bilstein® shock absorbers	P	P
BRAKES		
Power-assisted 4-wheel ventilated disc brakes	■	■
Anti-lock Brake System (ABS) with Electronic Braking Distribution (EBD)	---	0

■ = Standard

P = Package Option

0 = Option

A = Dealer-Installed Accessory



2004 MIATA / INTERIOR FEATURES CONTINUED

	Cloth	LS
COMFORT & CONVENIENCE		
Power windows w/ driver's one-touch-down feature	■	■
Power door locks	P	■
Remote keyless illuminated entry system	P	■
Cruise control	P	■
Windblocker® antidraft panel with speakers and integral storage pouch	■	■
12-volt power outlet	■	■
Cigarette lighter	■	■
Ash tray	■	■
Lockable center console with storage	■	■
Dual covered front cup holders	■	■
Remote releases: trunk-lid, hood, fuel-door	■	■
Driver and passenger's visor vanity mirrors	■	■
LIGHTING		
Trunk light	■	■
Delayed courtesy dome light on windshield header	■	■

■ = Standard

P = Package Option

O = Option

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2004 MIATA / SAFETY & SECURITY FEATURES

	Cloth	LS
SAFETY		
Dual second-generation front air bag supplemental restraint system*	■	■
Passenger-side air bag deactivation switch	■	■
3-point safety-belt with pretensioners and force limiters	■	■
Side-impact door beams	■	■
Child seat anchor	■	■
5-mph bumpers	■	■
SECURITY		
Engine immobilizer security system	■	■
Internal trunk release system	■	■
Keyless remote with panic feature	P	■

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



2004 MIATA / OPTIONS AND ACCESSORIES

	Cloth	LS
OPTION PACKAGES		
AZURE BLUE PACKAGE - CLOTH - Blue cloth trimmed upholstery - Blue door inserts - Unique 16-inch titanium colored alloy wheels with locks - Black leather-wrapped 5-speed shift knob with silver stitching - Black leather-wrapped shift knob on optional AT - Cruise control - Power door locks - Tweeter speakers - Remote keyless entry system - Sunlight Silver Metallic exterior <i>Available with Sunlight Silver Metallic exterior only and cannot be combined with other factory packages or options except for automatic transmission</i>	0	---
AZURE BLUE PACKAGE - LEATHER - Same as the Cloth Azure Blue Package with the following additions: - Blue leather trimmed upholstery* - Blue cloth convertible top - Aero board bag <i>Available with Sunlight Silver Metallic exterior only and cannot be combined with other factory packages or options except for automatic transmission</i>	0	---
CONVENIENCE PACKAGE - Tweeter speakers - Power door locks - Cruise control - Remote keyless entry system	0	■
SUSPENSION PACKAGE 1 (n/a with Convenience Package or automatic) - LSD - Bilstein® shock absorbers	0	---
SUSPENSION PACKAGE 2 (available with 6-speed manual and ABS only) - Bilstein® shock absorbers	---	0
OPTIONS & ACCESSORIES		
Body-color detachable hardtop with rear window	0/A	0/A
Body-color front air dam	0/A	0/A
Body-color side sill extensions	0/A	0/A
Rear spoiler with integrated center brake light	0/A	0/A
Door edge guards	0/A	0/A
Chrome-plated fuel door	0/A	0/A
Styled headlamp & taillamp bezels	0/A	0/A
Front and rear mudguards	0/A	0/A
Auto dimming mirror with compass and temperature readout	0/A	0/A
Cargo net	0/A	0/A

■ = Standard P = Package Option 0 = Option A = Dealer-Installed Accessory

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



2004 MIATA / OPTIONS AND ACCESSORIES CONTINUED

	Cloth	LS
OPTION PACKAGES		
Antitheft perimeter alarm	O/A	O/A
Protective front mask	A	A
Front mask with front spoiler	A	A
Front mask without front spoiler	A	A
Soft tonneau cockpit cover	A	A
Exterior-color touch-up paint	A	A
Chrome-plated rear deck luggage rack	A	A
Car cover	A	A
Car-cover cable lock	A	A
Engine block heater	A	A
Foot lamp	A	A
Silver & black leather wrapped shift knob (either 5 or 6-speed)	A	A
Wood shift knob (either 5 or 6-speed)	A	A
Black & silver leather-wrapped two tone 3-spoke steering wheel	A	A
Wood parking-brake handle	A	A
Wood-tone dash kit	A	A
Wood-tone center-dash panel trim	A	A
Stainless steel scuff plates	A	A
Windshield sunshield	A	A
In-dash 6-CD changer	O/A	O/A
In-dash full-logic auto-reverse cassette player	O/A	O/A
In-dash MiniDisc player	A	A

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2004 MIATA / INTERIOR AND EXTERIOR COLORS

INTERIOR

	BLACK CLOTH (D0)	PARCHMENT LEATHER (1) (D3)	BLACK LEATHER (1) (D2)	BLUE CLOTH / LEATHER (ND9)
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EXTERIOR

CODE	COLOR				
A3D	Pure White	■	■	---	
A3F	Brilliant Black	■	■	---	
A3E	Classic Red	■	---	■	
22V	Sunlight Silver Metallic	■	■	■	■
18J	Emerald Mica	■	■	---	
25E	Strato Blue Mica	■	■	---	
28W	Black Cherry Mica	■	■	■	

■ = Applies



2004 MIATA / SPECIFICATIONS

	Cloth	SHARED	LS
ENGINE & ELECTRICAL			
Engine type		1.8L DOHC 16-valve inline-4	
Horsepower, SAE net		142 @ 7,000	
Torque, SAE net		125 @ 5,000	
Redline		7,000 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, 91 RON	
Minimum fuel requirement		Regular unleaded, 87 RON	
Valvetrain		4 valves per cylinder with variable valve timing	
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		Rear-wheel drive	
Ratios (:1)	Transmission	6MT	5MT
	1st	3.760	3.136
	2nd	2.269	1.888
	3rd	1.645	1.330
	4th	1.257	1.000
	5th	1.000	0.814
	6th	0.843	---
	Reverse	3.564	3.578
	Final Drive	4.100	4.300
			4EC-AT
			2.450
			1.450
			1.000
			0.730

			2.222
			4.100



2004 MIATA / SPECIFICATIONS CONTINUED

		Cloth	SHARED	LS
CHASSIS				
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	
Brake discs	Front Rear		Ventilated: 10.6 inch Solid: 10.9 inch	
Parking brake			Mechanical on rear wheels	
Anti-Lock Braking System		N/A		Optional
Wheels			6 1/2JJ-16 aluminum 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 pressure			60 psi	
Curb weight (lb.)	5MT 4AT 6MT		2,447 2,473 2,440	
CAPACITIES				
Crankcase (qt.)			4.0	
Coolant (qt.)			6.0	
Fuel capacity (gal.)			12.7	
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	



2004 MIATA / SPECIFICATIONS CONTINUED

		Cloth	SHARED	LS
FUEL ECONOMY (estimated)				
EPA mileage, city/highway	5MT		23 / 28	
	6MT	---		23 / 28
	4AT		22 / 28	
EXTERIOR DIMENSIONS (in inches unless specified)				
Wheelbase			89.2	
Track	Front		55.7	
	Rear		56.7	
Length			155.3	
Width			66.1	
Height			48.3	
Minimum ground clearance (laden)			4.0	
Weight distribution % front/rear			50 / 50	
Coefficient of Drag (Cd)			0.37	
Frontal area (sq. ft.)			22.3	
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	