



TRIM LEVELS

2005 MX-5 MIATA / MECHANICAL FEATURES

	Miata	Miata LS
ENGINE		
1.8L DOHC 16-valve inline-4 engine	■	■
Variable Valve Timing (VVT)	■	■
Variable intake control system	■	■
Stainless steel sport-tuned exhaust system with single outlet	■	■
TRANSMISSIONS		
5-speed manual overdrive transmission	■	■
6-speed manual overdrive transmission	--	O
Short-throw shifter	■	■
4-speed electronically controlled automatic transmission	O	O
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 power assist	■	■
FRONT SUSPENSION		
Independent double-wishbones	■	■
Gas-filled shock absorbers	■	■
Sport suspension with gas-filled Bilstein® shock absorbers	P	P
Stabilizer bar	■	■
Suspension tower brace	■	■
REAR SUSPENSION		
Independent double-wishbones	■	■
Gas-filled shock absorbers	■	■
Stabilizer bar	■	■
Sport suspension with gas-filled Bilstein® shock absorbers	P	P
BRAKES		
Power-assisted 4-wheel disc brakes	■	■
Anti-lock Brake System (ABS) with Electronic Braking Distribution (EBD)	--	O

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



2005 MX-5 MIATA / EXTERIOR FEATURES

TRIM LEVELS

Miata

Miata LS

▶ BODY TYPE

2-door convertible roadster

■

■

▶ EXTERIOR TRIM

Black vinyl convertible top

■

--

Beige or black cloth convertible top

--

■

Glass rear window

■

■

Vinyl boot cover

■

■

Aluminum hood

■

■

▶ WHEELS

16-inch alloy wheels

■

■

Alloy wheel locks

■

■

▶ TIRES

205/45R16 83W-rated high-performance radial tires

■

■

Temporary spare tire

■

■

▶ LIGHTING

Projector-type (low beam) headlights

■

■

Halogen fog lights

■

■

▶ WINDOWS / MIRRORS

2-speed fixed-intermittent windshield wipers

■

■

Solar-control tinted windshield with sunshade

■

■

Dual power remote mirrors

■

■

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2005 MX-5 MIATA / INTERIOR FEATURES

TRIM LEVELS

	Miata	Miata LS
SEATING		
Black cloth-trimmed upholstery	■	--
Black or parchment leather-trimmed upholstery	--	■
Seat color coordinating piping	--	■
Reclining front bucket seats	■	■
Integrated head restraints	■	■
Storage pocket on front passenger's seatback	■	■
TRIM		
Leather-wrapped 3-spoke leather steering wheel w/silver stitching	■	■
Leather-wrapped 6-speed shift knob (w/ 6-speed manual)	--	O
Silver trim: meter rings, air vent bezels, center dash panel, shift plate bezel, HVAC panel, parking brake button, door handles	■	■
Map pockets on front doors	■	■
Carpeted floor mats	■	■
AUDIO / ENTERTAINMENT SYSTEMS		
4-speaker AM/FM/CD audio system	■	--
Bose [®] 6-speaker AM/FM/CD audio system	--	■
Speed-sensing automatic volume control	--	■
Door-mounted tweeter speakers	P	■
Digital clock	■	■
Power radio antenna	■	■
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
CLIMATE CONTROL		
CFC-free air conditioning	■	■
Heater/defroster with 4-speed blower	■	■
Rear window defogger	■	■
Front side-window demisters	■	■
GAUGES & WARNINGS LIGHTS		
Gauges: tachometer, speedometer (140), coolant temperature, oil pressure, odometer, dual trip odometers	■	■
Warning lamps: parking brake, high-beam, check engine, oil pressure, battery charge, seatbelts, air bags, fuel	■	■
Battery charge indicator	■	■
White gauges with chrome bezels / black lettering	■	■
Red nighttime gauge illumination	■	■
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	■	■

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2005 MX-5 MIATA / INTERIOR FEATURES

TRIM LEVELS

Miata

Miata LS

COMFORT / CONVENIENCE (continued)

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	■	■

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2005 MX-5 MIATA / SAFETY FEATURES

TRIM LEVELS

Miata

Miata LS

SAFETY

Dual second-generation front air bag supplemental restraint system*	■	■
Passenger-side air bag deactivation switch*	■	■
3-point safety-belts 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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2005 MX-5 MIATA / OPTIONS

TRIM LEVELS

	Miata	Miata LS
CONVENIENCE PACKAGE		
<ul style="list-style-type: none"> ■ Tweeter speakers ■ Power door locks ■ Cruise control ■ Remote keyless entry system with retractable key 	○	■
SUSPENSION PACKAGE 1 (n/a with Convenience Package or automatic)		
<ul style="list-style-type: none"> ■ Limited-slip differential ■ Sport suspension with Bilstein® shock absorbers 	○	--
SUSPENSION PACKAGE 2 (available with 6-speed manual and ABS only)		
<ul style="list-style-type: none"> ■ Sport suspension with Bilstein® shock absorbers 	--	○
APPEARANCE PACKAGE 1		
<ul style="list-style-type: none"> ■ Large front air dam ■ Large side sills ■ Large rear mud guards 	○	○
APPEARANCE PACKAGE 2		
<ul style="list-style-type: none"> ■ Small side sills ■ Small rear mud guards 	○	○

■ = Standard

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○ = Option

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2005 MX-5 MIATA / OPTIONS & ACCESSORIES

TRIM LEVELS

Miata

Miata LS

STAND-ALONE OPTIONS & ACCESSORIES

	Miata	Miata LS
4-speed electronically controlled automatic transmission	O	O
6-speed manual overdrive transmission	--	O
Anti-lock Brake System (ABS) with Electronic Braking Distribution (EBD)	--	O
Hard top with rear window defogger	O / A	O / A
Body-color door edge guards	O / A	O / A
Chrome-plated fuel door	O / A	O / A
Styled headlamp & taillamp bezels	O / A	O / A
Front air dam	O / A	O / A
Front and rear splashguards	O / A	O / A
Rear spoiler with integral center brake light	O / A	O / A
Auto dimming mirror with compass and temperature readout	O / A	O / A
Cargo net	O / A	O / A
Antitheft perimeter alarm	O / A	O / 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
Protective front mask	A	A
Soft tonneau cockpit cover	A	A
Exterior-color touch-up paint	A	A
Car cover	A	A
Car-cover cable lock	A	A
Footwell lamps	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
Stainless steel door sill trim plates	A	A
Windshield sunshield	A	A
PhatNoise [®] Car audio system	A	A
SIRIUS [®] satellite radio receiver kit	A	A
First aid kit	A	A
Road side assistance kit	A	A
In-dash CD/MP3 player	A	A
Side sill extensions	O/A	O/A

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2005 MX-5 MIATA / COLORS

INTERIOR

MX-5 Miata	MX-5 Miata LS	
BLACK CLOTH (D0)	BLACK LEATHER (D2)	PARCHMENT LEATHER (D3)

EXTERIOR

Code	Color			
A3E	Classic Red	■	■	
27C	Nordic Green Mica	■		■
22V	Sunlight Silver Metallic	■	■	■
28P	Razor Blue Metallic	■		■
28W	Black Cherry Mica	■		■

■ = Applies



2005 MX-5 MIATA / SPECIFICATIONS

TRIM LEVELS

		Miata	SHARED	Miata LS
ENGINE & ELECTRICAL				
Engine type	<i>1.8L DOHC 16-valve inline-4</i>			
Horsepower, SAE net	<i>142 @ 7,000</i>			
Torque, SAE net	<i>125 @ 5,000</i>			
Redline	<i>7,000 RPM</i>			
Displacement (ml / cc)	<i>1,839 / 1,839</i>			
Bore x stroke (mm / in)	<i>83 x 85 / 3.27 X 3.35</i>			
Compression ratio	<i>10.0:1</i>			
Fuel system	<i>Multi-port electronic fuel injection</i>			
Recommended fuel	<i>Premium unleaded, 91 RON</i>			
Minimum fuel requirement	<i>Regular unleaded, 86 RON</i>			
Valvetrain	<i>4 valves per cylinder with variable valve timing</i>			
Engine block	<i>Iron</i>			
Cylinder head	<i>Aluminum alloy</i>			
Emission control	<i>Catalyst</i>			
Ignition system	<i>Distributorless electronic</i>			
Alternator	<i>12V-80A</i>			
Battery	<i>Maintenance-free, 12V-32AH / 5HR</i>			
Starter	<i>12V-1.0 kW</i>			
Spark-plug number (NGK / DENSO)	<i>BKR5E11, BKR6E11 / K16PR-U11, K20PR-U11</i>			
Spark-plug gap (mm / in)	<i>1.0 - 1.1 / 0.040 - 0.043</i>			
DRIVETRAIN				
Type	<i>Rear-wheel drive</i>			
Ratios (:1)	5MT	6MT	4EC-AT	
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	3.578	3.564	2.222	
Final Drive	4.300	4.100	4.100	



2005 MX-5 MIATA / SPECIFICATIONS CONTINUED

		TRIM LEVELS		
		Miata	SHARED	Miata LS
CHASSIS				
Body type	<i>Monocoque</i>			
Front suspension	<i>Independent double wishbone w/coil springs, stabilizer bar</i>			
Rear suspension	<i>Independent double wishbone w/coil springs, stabilizer bar</i>			
Shock absorbers	<i>Cylindrical double-acting gas-filled</i>			
Steering type	<i>Rack-and-pinion</i>			
Power assist	<i>Engine-rpm sensing;variable power assist</i>			
Steering wheel turns lock-to-lock	<i>2.7</i>			
Turning circle, curb-to-curb	<i>30.2 ft.</i>			
Braking system	<i>Power assist w/dual diagonal hydraulic circuits</i>			
Brake discs	Front	<i>Ventilated 10.6 inch</i>		
	Rear	<i>Solid: 10.9 inch</i>		
Parking brake	<i>Mechanical on rear wheels</i>			
Anti-Lock Braking System	N/A			Optional
Wheels	<i>6 1/2JJ-16 aluminum alloy wheels</i>			
Tires	<i>205/45R16 83W high performance</i>			
Tire inflation pressures F/R	<i>26 psi / 26 psi</i>			
Temporary spare wheel	<i>T105/70 D15</i>			
Temporary spare tire pressure	<i>60 psi</i>			
Curb weight (lb.)	5MT	<i>2,447</i>		
	4AT	<i>2,473</i>		
	6MT	<i>2,440</i>		
CAPACITIES				
Crankcase (qt.)	<i>4.0</i>			
Coolant (qt.)	<i>6.0</i>			
Fuel capacity (gal.)	<i>12.7</i>			
EPA Passenger Volume (cu. ft.)	<i>46.0</i>			
EPA Cargo Volume (cu. ft.)	<i>5.1</i>			
EPA Total Volume: cargo volume + passenger volume (cu. ft.)	<i>51.1</i>			
EPA Vehicle Size Category	<i>Two - seater</i>			



2005 MX-5 MIATA / SPECIFICATIONS CONTINUED

		TRIM LEVELS		
		Miata	SHARED	Miata LS
FUEL ECONOMY (estimated)				
EPA mileage, city/highway	5MT		23 / 28	
	6MT	--		23 / 28
	4AT		22 / 28	
EXTERIOR DIMENSIONS (All dimensions inches unless otherwise 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)			0.38	
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	