

2006 MX-5 Miata



Summary

2006 MX-5 Miata

MSRP starting at

Club Spec	MX-5	Touring	Sport	Grand Touring
\$20,995*	\$21,995*	\$22,995*	\$23,495*	\$24,995*

MECHANICAL FEATURES

Engine	2.0L DOHC 16-valve 4-cyl with variable valve timing				
Peak horsepower	170 hp @ 6700 rpm (166 hp w/ 6AT)				
Peak torque	140 lb-ft @ 5000 rpm				
Rear wheel drive	S	S	S	S	S
5-speed manual transmission	S	S	S	--	--
6-speed manual transmission	--	--	--	S	S
6-speed Sport AT automatic transmission w/paddle shifters	--	--	O	O	O
Front double wishbone suspension	S	S	S	S	S
Rear multi-link suspension	S	S	S	S	S
Power rack & pinion steering	S	S	S	S	S
Ventilated front / solid rear disc brakes	S	S	S	S	S
Anti-lock brakes with EBD	S	S	S	S	S
205/50 R16 tires on 5-spoke alloy wheels	S	S	S	--	--
205/45 R17 tires on 10-spoke alloy wheels	--	--	--	S	S

EXTERIOR FEATURES

Black vinyl convertible top	S	S	S	S	--
Black or tan cloth convertible top	--	--	--	--	S
Glass rear window with defogger	S	S	S	S	S
Fog lights	--	--	S	S	S

INTERIOR FEATURES

Black cloth-trimmed upholstery	S	S	S	S	--
Black or tan leather-trimmed upholstery	--	--	--	--	S
Air conditioning	--	S	S	S	S
Cruise control	--	--	S	S	S
Power windows and mirrors	S	S	S	S	S
Power door locks with remote keyless entry	--	--	S	S	S
3-spoke steering wheel with tilt feature	S	S	S	S	S

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MSRP starting at	\$20,995*	\$21,995*	\$22,995*	\$23,495*	\$24,995*
Steering wheel with audio and speed controls	--	--	S	S	S
Windblocker - mesh aero board	S	S	S	S	S

AUDIO / ENTERTAINMENT SYSTEMS

AM/FM/CD audio system	S	S	S	S	S
Speed-sensing automatic volume control	S	S	S	S	S
4-speaker sound system	S	S	S	S	S
Bose® 7-speaker sound system (includes Audiopilot™)	--	--	--	--	S

SAFETY & SECURITY

Dual front airbags with passenger deactivation switch†	S	S	S	S	S
Side-impact airbags with torso and head coverage	S	S	S	S	S
Three-point safety belts with pretensioners and force limiters	S	S	S	S	S
Side-impact door beams	S	S	S	S	S
Anti-theft alarm	--	--	--	--	P

OPTION PACKAGES

Suspension Package <ul style="list-style-type: none"> • Sport-tuned suspension • Bilstein shocks • Limited-slip differential (MT only) 	--	--	--	O	O
Premium Package <ul style="list-style-type: none"> • Xenon HID headlights • Dynamic Stability Control w/Traction Control • Limited-slip differential (MT only) • Mazda Advanced Keyless Entry & Start System • Anti-theft alarm 	--	--	--	--	O
Appearance Package <ul style="list-style-type: none"> • Front air dam • Side skirt • Rear under skirt 	O	O	O	O	O
Interior Trim Package <ul style="list-style-type: none"> • Aluminum & leather shift knob • Aluminum pedals • Aluminum matching finish on: <ul style="list-style-type: none"> ◦ Horizontal dash panel trim ◦ Window switch panels ◦ Parking brake release button ◦ Shift plate (AT) 	O	O	O	O	O

S Standard **P** Package Option **O** Stand-Alone Option **A** Dealer Installed Accessory -- Not Available

Mazda reserves the right to change specifications at any time without incurring obligation. Availability may be limited by location and time. Please consult your local dealer for full details.

* MSRP includes destination charges but excludes tax, title and license fees. Destination charges may vary in Alaska and Hawaii.

† Always wear your safety belt and deactivate passenger side air bag when using a rear-facing child seat.

Mechanical Features

2006 MX-5 Miata

	Club Spec	MX-5	Touring	Sport	Grand Touring
ENGINE					
ENGINE		2.0L DOHC 16-valve Inline-4-cyl.			
Peak horsepower		170 hp @ 6700 rpm (166 hp w/ 6AT)			
Peak torque		140 lb-ft @ 5000 rpm			
Variable valve timing	S	S	S	S	S
Sport-tuned single exhaust with dual outlets	S	S	S	S	S
DRIVETRAIN					
Rear wheel drive	S	S	S	S	S
5-speed manual transmission	S	S	S	--	--
6-speed manual transmission	--	--	--	S	S
6-speed Sport AT automatic transmission w/paddle shifters	--	--	O	O	O
Aluminum Power Plant Frame (PPF)	S	S	S	S	S
Limited-slip rear differential (n/a for AT models)	--	--	--	P	P
FRONT SUSPENSION					
Double wishbone design	S	S	S	S	S
Aluminum upper and lower control arms	S	S	S	S	S
Front tower bar	--	--	--	S	S
Gas-filled monotube dampers	S	S	S	S	S
Biltein shock absorbers	--	--	--	P	P
REAR SUSPENSION					
Multi-link design	S	S	S	S	S
Aluminum baring support	S	S	S	S	S
Gas-filled monotube dampers	S	S	S	S	S
Biltein shock absorbers	--	--	--	P	P
STEERING					
Rack & pinion	S	S	S	S	S
Hydraulic power assist	S	S	S	S	S
BRAKES					
Power assist	S	S	S	S	S

Mechanical Features

2006 MX-5 Miata

	Club Spec	MX-5	Touring	Sport	Grand Touring
Ventilated front / solid rear discs	S	S	S	S	S
Anti-lock Brake System (ABS) with Electronic Brakeforce Distribution (EBD)	S	S	S	S	S
Aluminum rear calipers	S	S	S	S	S

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Exterior Features

2006 MX-5 Miata	Club Spec	MX-5	Touring	Sport	Grand Touring
EXTERIOR TRIM					
Aluminum hood	S	S	S	S	S
Aluminum truck lid	S	S	S	S	S
Black vinyl convertible top	S	S	S	S	--
Black or tan cloth convertible top	--	--	--	--	S
Glass rear window with defogger	S	S	S	S	S
Rear-fender mounted antenna	S	S	S	S	S
Body-color bumpers, mirrors, and door handles	S	S	S	S	S
Black seatback bar trim	S	S	--	--	--
Silver seatback bar trim	--	--	S	S	S
WHEELS & TIRES					
16-inch, 5-spoke aluminum wheels	S	S	S	--	--
205/50 R16 tires	S	S	S	--	--
17-inch, 10-spoke alloy wheels	--	--	--	S	S
205/45 R17 tires	--	--	--	S	S
205/45 R17 run-flat tires	--	--	--	O	O
Tire puncture repair kit	S	S	S	S	S
LIGHTING					
Halogen headlights with projection low beams	S	S	S	S	S
Xenon low-beam headlights	--	--	--	--	P
Clear-lens halogen fog lights	--	--	S	S	S
Trunk light	S	S	S	S	S
WINDOWS / MIRRORS					
Solar-control tinted windshield	S	S	S	S	S
2-speed fixed intermittent wipers	S	S	S	S	S
Power remote outside mirrors	S	S	S	S	S

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Interior Features

2006 MX-5 Miata	Club Spec	MX-5	Touring	Sport	Grand Touring
SEATING / TRIM					
Black cloth-trimmed upholstery	S	S	S	S	--
Black or tan leather-trimmed upholstery	--	--	--	--	S
Driver's seatback storage pocket	S	S	S	S	S
3-spoke steering wheel	S	S	S	S	S
Leather-wrapped steering wheel	--	S	S	S	S
Leather-wrapped shift knob	--	--	--	S	S
Silver gauge trim rings	S	S	S	S	S
Silver door handle	S	S	S	S	S
Silver shift plate bezel	S	S	S	S	S
Black door-speaker rings and pull-handle cap	S	S	S	S	--
Silver door-speaker rings and pull-handle cap	--	--	--	--	S
Carpeted floor mats	S	S	S	S	S
AUDIO / ENTERTAINMENT SYSTEMS					
AM/FM/CD audio system	S	S	S	S	S
Speed-sensing automatic volume control	S	S	S	S	--
4-speaker sound system	S	S	S	S	--
Bose® 7-speaker sound system (includes Audiopilot™)	--	--	--	--	S
INSTRUMENT PANEL					
Full instrumentation: Tachometer, coolant temperature gauge, oil pressure & fuel indicators	S	S	S	S	S
Black gauges with white lettering	S	S	S	S	S
Warning lamps: Air bags, battery, brake, engine, fuel, high-beam, oil, seat belt	S	S	S	S	S
LIGHTING					
Ignition key illumination	S	S	S	S	S
Courtesy windshield header lamp with dimming	S	S	S	S	S
Red nighttime gauge and instrument illumination	S	S	S	S	S
COMFORT & CONVENIENCE					
Air conditioning	--	S	S	S	S
Cruise control	--	--	S	S	S

Interior Features

2006 MX-5 Miata	Club Spec	MX-5	Touring	Sport	Grand Touring
Power windows with driver's one-touch-down feature	S	S	S	S	S
Power outside mirrors	S	S	S	S	S
Power door locks	--	--	S	S	S
Remote keyless entry with retractable key	--	--	S	S	S
Tilt steering wheel	S	S	S	S	S
Steering-wheel-mounted audio and speed controls	--	--	S	S	S
Driver and passenger back storage panels	S	S	--	--	--
Covered driver and passenger back storage panels	--	--	S	S	S
Windblocker - mesh aero board	S	S	S	S	S
Coin holder	S	S	S	S	S
Two cup holders	S	S	S	S	S
Floor tunnel net pocket	--	--	S	S	S
Front door storage pockets with bottle holders	S	S	S	S	S
Driver's left foot rest	S	S	S	S	S
Locking glove box	S	S	S	S	S
Locking rear center console	S	S	S	S	S
Driver and passenger covered visor vanity mirrors	S	S	S	S	S
Remote trunk lid, fuel door, & hood releases	S	S	S	S	S
Driver's seatback storage pocket	S	S	S	S	S
Mazda Advanced Keyless Entry & Start System	--	--	--	--	P
12-V power outlet	S	S	S	S	S

S Standard P Package Option O Stand-Alone Option A Dealer Installed Accessory -- Not Available

Safety & Security

2006 MX-5 Miata

	Club Spec	MX-5	Touring	Sport	Grand Touring
SAFETY					
Advanced dual front air bag supplemental restraint system (SRS) - with crash zone and driver's seat position sensors (Mazda Advanced Restraint System - "MARS")*	S	S	S	S	S
Passenger front airbag deactivation switch	S	S	S	S	S
Side-impact airbags with torso and head coverage	S	S	S	S	S
Three-point safety belts with pretensioners and force limiters	S	S	S	S	S
Side-impact door beams	S	S	S	S	S
Tire pressure monitor system (TPMS); (Part of run-flat tire option)	--	--	--	O	O
SECURITY					
Engine immobilizer	S	S	S	S	S
Anti-theft alarm	--	--	--	--	P

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* Always wear your safety belt and deactivate passenger side air bag when using a rear-facing child seat.

Options & Accessories

2006 MX-5 Miata

Club Spec	MX-5	Touring	Sport	Grand Touring
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OPTION PACKAGES

Suspension Package:

- Sport-tuned suspension
- Bilstein shocks
- Limited-slip differential (MT only)

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Premium Package:

- Xenon HID headlights
- Dynamic Stability Control w/Traction Control
- Limited-slip differential (MT only)
- Mazda Advanced Keyless Entry & Start System
- Anti-theft alarm

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Appearance Package:

- Front air dam
- Side skirt
- Rear under skirt

O	O	O	O	O
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Interior Trim Package:

- Aluminum & leather shift knob
- Aluminum pedals
- Aluminum matching finish on:
 - Horizontal dash panel trim
 - Window switch panels
 - Parking brake release button
 - Shift plate (AT)

O	O	O	O	O
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OPTIONS & ACCESSORIES

6-speed automatic transmission w/paddle shifters

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205/45 R17 run-flat tires with Tire Pressure Monitor System (TPMS)

--	--	--	O	O
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Front/rear body-color splash guards

O/A	O/A	O/A	O/A	O/A
-----	-----	-----	-----	-----

Rear spoiler

O/A	O/A	O/A	O/A	O/A
-----	-----	-----	-----	-----

Chrome fuel-filler door

O/A	O/A	O/A	O/A	O/A
-----	-----	-----	-----	-----

Door edge guards

O/A	O/A	O/A	O/A	O/A
-----	-----	-----	-----	-----

Perimeter shock sensor alarm

O/A	O/A	O/A	O/A	P/O/A
-----	-----	-----	-----	-------

SIRIUS satellite radio receiver (excl: AK, HI)

O/A	O/A	O/A	O/A	O/A
-----	-----	-----	-----	-----

In-dash 6 CD/MP3 changer

O/A	O/A	O/A	O/A	O/A
-----	-----	-----	-----	-----

Cargo net

O/A	O/A	O/A	O/A	O/A
-----	-----	-----	-----	-----

All-weather floor mats

O/A	O/A	O/A	O/A	O/A
-----	-----	-----	-----	-----

Carpeted floor mats

O/A	O/A	O/A	O/A	O/A
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Detachable hard top (body-color)

A	A	A	A	A
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All weather car cover

A	A	A	A	A
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AT shift gate panel (aluminum, piano-black or wood)

A	A	A	A	A
---	---	---	---	---

Body-color interior mirror cover

A	A	A	A	A
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Car cover cable lock

A	A	A	A	A
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Options & Accessories

2006 MX-5 Miata	Club Spec	MX-5	Touring	Sport	Grand Touring
Fog lamp bezel (black or silver)	A	A	A	A	A
Front air dam skirt (body-color)	A	A	A	A	A
Front mask (with and without front air dam)	A	A	A	A	A
Front and/or rear splash guards (body-color)	A	A	A	A	A
Indoor car cover	A	A	A	A	A
Rear bumper skirt (body-color)	A	A	A	A	A
Rear lip spoiler (body-color)	A	A	A	A	A
Seat back bar bezel (True Red, Winning Blue & Galaxy Gray only)	A	A	A	A	A
Side sill extensions (body-color)	A	A	A	A	A
Touch-up paint	A	A	A	A	A
5MT, 6MT & AT shift knobs (wood or aluminum & leather)	A	A	A	A	A
Aluminum air vent bezel	A	A	A	A	A
Aluminum pedals and footrest (set or individual)	A	A	A	A	A
Ash tray	A	A	A	A	A
Door switch panel (aluminum, piano-black or wood)	A	A	A	A	A
Door switch panel w/ door lock hole (aluminum, piano-black or wood)	A	A	A	A	A
Door sill trim plate (chrome)	A	A	A	A	A
Foot lamp	A	A	A	A	A
Horizontal dash panel (aluminum, wood, or body-color)	A	A	A	A	A
Piano-black MT shift plate ring	A	A	A	A	A
Parking brake lever grip (wood or aluminum & leather)	A	A	A	A	A
Remote engine start	A	A	A	A	A
Silver reflective windshield sunscreen	A	A	A	A	A
Speaker bezel (brushed aluminum or piano-black)	A	A	A	A	A

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Specifications

2006 MX-5 Miata

Club Spec	MX-5	Touring	Sport	Grand Touring
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ENGINE AND ELECTRICAL

	MX-5	Touring	Sport	Grand Touring
Engine type	2.0-liter 16-valve inline-4			
Horsepower (SAE net)	170 @ 6700 rpm (6AT: 166 @ 6700)			
Torque (lb-ft, SAE net)	140 @ 5000 rpm			
Redline	6700 rpm			
Displacement (cubic inches)	122.0			
Bore x stroke (inches)	3.4 X 3.3			
Compression ratio	10.8:1			
Valvetrain	DOHC with variable intake valve timing			
Engine block	Aluminum Alloy			
Cylinder head	Aluminum Alloy			
Fuel injection	Electronic multi-port			
Recommended fuel	Premium unleaded, 91 octane or greater			
Minimum fuel Requirement (rating)	Premium unleaded, 91 octane			
Emission control	Evaporative purge control. EGR control system. Catalytic converter system			
Ignition system	Distributorless			
Alternator	12V-100A			
Battery	46B24L			
Starter	12V; 1.4KW			

DRIVETRAIN

	MX-5	Touring	Sport	Grand Touring
Type	Front engine, rear wheel drive			
Manual transmissions	5-speed	5-speed	6-speed	6-speed
Automatic transmission	--	6-speed	6-speed	6-speed
Manual transmission clutch	Single dry plate (diaphragm spring)			

GEAR RATIOS (:1)

	5MT	6MT	6AT
1st	3.136	3.815	3.538
2nd	1.888	2.260	2.060
3rd	1.330	1.640	1.404
4th	1.000	1.177	1.000
5th	0.814	1.000	0.713
6th	--	0.832	0.582
Reverse	3.758	3.603	3.168
Final Drive	4.100	4.100	4.100

Specifications

2006 MX-5 Miata

Club Spec	MX-5	Touring	Sport	Grand Touring
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CHASSIS

Body type	Monocoque			
Front suspension	Aluminum double wishbones with stabilizer bar			
Rear suspension	Multilink with stabilizer bar			
Shock absorbers	Gas filled: front and rear			
Steering type	Rack and pinion			
Power assist	Hydraulic			
Overall steering ratio	15.0:1			
Steering wheel turns-to-lock	2.7			
Braking system	Diagonal hydraulic with ABS			
Front brakes	11.4-inch ventilated discs			
Rear brakes	11.0-inch solid discs, aluminum calipers			
Parking brake	Mechanical (lever type)			

	Club Spec	MX-5	Touring	Sport	Grand Touring
Wheels		16X6-1/2J		17X7J	
Tires		P205/50 R16		P205/45 R17	
Tire inflation pressure (front & rear)		29 psi			

INTERIOR DIMENSIONS (inches)

Headroom	37.4
Shoulder room	53.2
Leg room	43.1
Hip room	50.6

EXTERIOR DIMENSIONS (inches)

Wheelbase	91.7
Track: front / rear	58.7 / 58.9
Length	157.3
Width	67.7
Height	49.0
Minimum ground clearance, laden	4.6

WEIGHT (lbs)

Club Spec	MX-5	Touring	Sport	Grand Touring
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Specifications

2006 MX-5 Miata

	Club Spec	MX-5	Touring	Sport	Grand Touring
Weight distribution (seats empty), % front: rear			52:48		
Curb weight, Federal spec - M/T	2441	2474	2474	2498	2498
Curb weight, Federal spec - A/T	--	--	2527	2527	2527
GVWR			3078		
GVWR - (front / rear)			1574 / 1504		

CAPACITIES

Oil (U.S. quarts)	4.9
Engine coolant (U.S. quarts)	7.9
Fuel tank (gallons)	12.7
Cargo volume (cubic feet)	5.3

FUEL ECONOMY

EPA mileage, city/highway (mpg) - M/T	25/30	25/30	25/30	24/30	24/30
EPA mileage, city/highway (mpg) - A/T	--	--	23/30	23/30	23/30

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