

2007 MX-5 Miata SPECIFICATION DECK

ISSUE DATE: May 1, 2006

PRODUCTION TIMING:

Job #1: July 2006 Softtop

LINEUP:

- SV
- SPORT
- TOURING
- GRAND TOURING

Preliminary

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2007 MX-5 MIATA PRODUCT CHANGES

OVERVIEW

• Softtop models add some convenience enhancements.

MODEL / SERIES / AVAILABILITY

Key Changes;

- MX-5 moves to new cross carline nomenclature strategy
- SV ilo Club Spec
- Sport ilo MX-5
- Sport w/convenience package ilo Touring.
- Touring ilo Sport
- Grand Touring (no change)

EXTERIOR CHANGES

• No change

INTERIOR CHANGES

Key Changes;

FUNCTIONAL CHANGES

New SAE HP calculation method results in

166HP for MT models (ilo 170HP) 163HP for AT models (ilo 166HP)

PACKAGE / OPTION CHANGES

- <u>Add convenience pkg ilo Touring</u>
 - Sports equipment plus Cruise control Foglamps
 - Net pocket
 - Silver seatback trim
 - Power door locks
 - Remote keyless entry & retractable keyless Global open - power down driver and passenger.

Function included in remote keyless entry system.

Steering wheel audio controls

Color & Trim

New colors

- Add Stormy Blue Metallic
- Add Highland Green

Dropped colors

- Winning Blue
- Nordic Green

Product Changes and Features Availability

Features, options and package content subject to change.

Note: Bold text indicates changes since last publication.

6 speakers ilo 4 speakers in Touring model Heated seats standard in Grand Touring model.

Add global open to Touring and Grand Touring models. Function included in remote keyless entry system

2007 MX-5 MIATA PRODUCT SUMMARY

The 2007 MAZDA MX-5 Miata offers a lineup with SV, SPORT, TOURING and GRAND TOURING models to better meet different customer preferences and to help facilitate easier ordering, stocking and selling of vehicles.

The following equipment is standard as indicated. Each series includes the standard equipment of the previous series, except where additions / exceptions are noted:

S	port	SV	Grand Touring
		All Sport content, in place of	All Touring content, plus or in place of:
Functional / Powertrain 2.0L DOHC 16-VALVE 14 VVT Advanced Front Midship Layout 5-Speed manual transmission w/ short-throw shifter Power-assisted rack-and-pinion steering with engine-sped-sensing variable assist Fr. Double wishbone suspension with aluminum arms, mono tube dampers Rr. Multi-Link suspension with aluminum baring support, mono tube dampers Fr. Ventilated disk brakes Rr. Disk brakes with aluminum calipers Power-assist 4-wheel disc brakes Aluminum Power Plant Frame (PPF) Fr. & Rr. Stabilizer bars Sport-tuned exhaust system Light fly wheel Exterior 16-inch aluminum alloy wheels 205/50R16 tires Body Colored Front & Rear Bumpers & door handles Aluminum hood Aluminum trunk lid Dual Power remote door mirrors - body color Dual exhaust outlets - silver Glass rear window with defogger 	Interior Air conditioning Waist Louver vents Power windows w/driver side one-touch down feature 3-Spoke leather steering wheel with tilt Silver-finish interior trim including gauge rings, air-vent bezels, door handles, shift-plate bezel and steering wheel Full instrumentation, including tachometer, coolant-temperature & oil pressure indicator Reclining bucket seats Cloth trimmed seat upholstery AM/FM/CD w 4/Speakers and digital clock Sirius satellite radio-compatible audio system Speed-sensing audio volume control system Dual cup holders Front door storage pockets with bottle holders Lockable glove compartment Lockable center rear console Driver and passenger back panel storage box (uncovered) Rear Package tray Driver-seat back storage pocket Mesh Aero Board Remote trunk lid and fuel door release Courtesy light on windshield header Carpeted floor mats		•
handles Aluminum hood Aluminum trunk lid Dual Power remote door mirrors - body color Dual exhaust outlets - silver	 Mesh Aero Board Remote trunk lid and fuel door release Courtesy light on windshield header 	 Power door locks Remote keyless entry system with retractable key Steering wheel mounted audio & speed controls Driver and passenger back panel storage box (covered) 	
	-	nd Features Availability age content subject to change.	

2007 MX-5 MIATA						
EQUIPMENT AND FEATURES	sv	Sport	Touring	Grand Touring		
ENGINE & TRANSMISSION						
2.0L DOHC 16-valve 4-cylinder engine	Std.	Std.	Std.	Std.		
Exhaust, single with dual outlets	Std.	Std.	Std.	Std.		
Rear wheel drive	Std.	Std. Opt w/conv.	Std.	Std.		
Transmission, automatic 6-speed electronically controlled w/paddle shifters	-	Pkg	Opt.	Opt.		
Transmission, manual 5-speed with overdrive (short throw shifter)	Std.	Std.	-	-		
Transmission, manual 6-speed with overdrive (short throw shifter)	-	-	Std.	Std.		
Variable Valve Timing	Std.	Std.	Std.	Std.		
Aluminum Power Plant Frame (PPF)	Std.	Std.	Std.	Std.		
SUSPENSION						
Brakes, Anti-lock with EBD (ABS)	Std.	Std.	Std.	Std.		
Rear aluminum brake calipers	Std.	Std.	Std.	Std.		
Brakes, power - assisted 4-wheel ventilated front / solid rear disc Dynamic Stability Control (DSC) with traction control	Std.	Std.	Std.	Std. Pkg.		
Fr. Double wishbone suspension with aluminum arms, mono tube dumpers	Std.	Std.	Std.	Std.		
Rr. Multi-Link suspension with aluminum baring support, mono tube dumpers	Std.	Std.	Std.	Std.		
Limited-slip rear differential (not available for AT models)	-	-	Pkg.	Pkg.		
Shock Absorbers, gas filled front and rear	Std.	Std.	Std.	Std.		
Shock Absorbers, Bilstein	-	-	Pkg.	Pkg.		
Tower bar (Front)	-	-	Std.	Std.		
Steering, power rack & pinion	Std.	Std.	Std.	Std.		
TIRES & WHEELS						
Run-flat tires	-	-	Opt.	Opt.		
Tire, size / type		50 R16		15 R17		
Tire puncture repair kit (not available with run-flat tires)		itd.	Std.	Std. inum alloy		
Wheels, Size / Appearance	16 Alun	ninum alloy	17 Alum	inum alloy		
EXTERIOR FEATURES						
Antenna, rear fender mounted	Std.	Std.	Std.	Std.		
Body Colored, Front & Rear Bumpers Aluminum bonnet hood	Std. Std.	Std. Std.	Std. Std.	Std. Std.		
Aluminum trunk lid	Std.	Std.	Std.	Std.		
Body Colored Door Handles	Std.	Std.	Std.	Std.		
Convertible top, cloth (black or tan)	-	-	-	Std.		
Convertible top, vinyl (black)	Std.	Std.	Std.	-		
Fog lights, clear-lens halogen	-	Pkg	Std.	Std.		
Glass rear window	Std.	Std.	Std.	Std.		
Headlights - halogen	Std.	Std.	Std.	Std.		
Headlights - Xenon HID	-	-	-	Pkg.		
Mirrors, dual power remote / body colored	Std	Std	Std.	Std.		
Seat Back Bar trim - black	Std	Std	-	-		
Seat Back Bar trim - silver	-	Pkg	Std.	Std.		
Trunk light Windshield, solar-control/tinted (green)	Std. Std.	Std. Std.	Std. Std.	Std. Std.		
Windshield, solar-control/timed (green) Wipers, 2-speed fixed intermittent	Std.	Std.	Std.	Std.		
INTERIOR	Old.	Old.	Old.	Old.		
Air Conditioning, CFC-Free	-	Std.	Std.	Std.		
Cruise control	-	Pkg	Std.	Std.		
Coin holder	Std.	Std.	Std.	Std.		
Cup holders, 2 front	Std.	Std.	Std.	Std.		
Defogger, rear window	Std.	Std.	Std.	Std.		
Demisters, front side window	Std.	Std.	Std.	Std.		
Door locks, power	-	Pkg	Std.	Std.		
Door Trim						
- Panel: Vinyl (black) w/silver handle	Std.	Std.	Std.	-		
- Panel: Faux leather (black or tan) w/silver handle	- Dii-	- Dissi	- Plaak	Std.		
Inner pull-handle cap trim Speaker ring	Black Black	Black Black	Black Black	Silver Silver		
- Speaker ring Floor mats, carpeted	Std.	Std.	Std.	Sliver Std.		
Floor tunnel net pocket	-	Pkg	Std.	Std.		
Front door storage pockets with bottle holders	Std.	Std.	Std.	Std.		
Foot rest - driver	Std.	Std.	Std.	Std.		
Full Instrumentation including, tachometer, coolant temperature gauge, oil pressure & fuel indica	tors Std.	Std.	Std.	Std.		
Gauges, black with white lettering & red nighttime illumination	Std.	Std.	Std.	Std.		
Heater/defroster with multiple-speed fan	Std.	Std.	Std.	Std.		
gnition key illumination	Std.	Std.	Std.	Std.		
nstrument panel gauge trim - Silver	Std.	Std.	Std.	Std.		
_amp - Courtesy overhead with dimming	Std.	Std.	Std.	Std.		
· · · · · · · · · · · · · · · · · · ·				Std.		

2007 MX-5 MIATA						
EQUIPMENT AND FEATURES	sv	Sport	Touring	Grand Touring		
Locking rear center console	Std.	Std.	Std.	Std.		
Mirror, vanity / driver & passenger	Std.	Std.	Std.	Std.		
Mirror, rear view day/night	Std.	Std.	Std.	Std.		
Parking brake, black urethane	Std.	Std.	Std.	Std.		
Power windows with driver's one-touch-down feature	Std.	Std.	Std.	Std.		
adds passenger one-touch-down feature	Old.	Pkg	Std.	Std.		
Remote keyless entry with retractable key	<u> </u>	Pkg	Std.	Std.		
Remote, trunk lid/fuel door/ hood release	Std.	Std.	Std.	Std.		
Mazda Advanced Keyless Entry	-	-	Old.	Pkg.		
Seats			-	i kg.		
- Bucket with reclining and forward/back slide feature	Std.	Std.	Std.	Std.		
- Driver's seatback storage pocket	Std.	Std.	Std.	Std.		
- Integrated headrests	Std.	Std.	Std.	Std.		
- Upholstery, cloth (black)	Std.	Std.	Std.	-		
- Upholstery, leather (black or tan)	-	-	-	Std.		
Steering, urethane	Std	-	_	-		
Steering, leather wrapped	-	Std.	Std.	Std.		
Steering wheel w/audio and speed controls	<u> </u>	-	Std.	Std.		
12-V power outlet	Std.	Std.	Std.	Std.		
Shift knob, urethane	Std	Std	-	-		
Shift knob, leather wrapped	-	-	Std.	Std. w/silver ring		
Storage - driver and passenger back panel (uncovered)	Std.	Std	-	-		
Storage - driver and passenger back panel (covered)	-	Pkg	Std.	Std.		
Warning lamps: air bags, battery, brake, engine, fuel, high-beam, oil, seat belt	Std.	Std.	Std.	Std.		
Windblocker - mesh aero board	Std.	Std.	Std.	Std.		
AUDIO SYSTEM		1				
4-speaker sound system	Std.	Std.	-	-		
6-speaker sound system	-	-	Std.	-		
7-speaker sound system	-	-	-	Std.		
AM/FM stereo w/single CD player w/digital clock	Std.	Std.	Std.	Std.		
Bose audio sound system (includes Audiopilo [™])	-	-	-	Std.		
Speed - sensing automatic volume control	Std.	Std.	Std.	-		
SAFETY & SECURITY						
Anti-theft alarm	-	-	-	Pkg		
Dual front airbags with passenger deactivation switch	Std.	Std.	Std.	Std.		
Engine Immobilizer	Std.	Std.	Std.	Std.		
Side impact airbags	Std.	Std.	Std.	Std.		
Side impact door beams	Std.	Std.	Std.	Std.		
Three point safety belts with pretensioners and force limiters	Std.	Std.	Std.	Std.		
Tire pressure monitor system (TPMS); (Included with Run-Flat tires)	-	-	Opt.	Opt.		

2007 MX-5 MIATA SOFTTOP						
PACKAGES & OPTIONS						
FACKAGES & OF HONS	sv	Sport	Touring	Grand Touring		
		oport	rodinig	orana roanng		
		-				
Convenience Package		Opt.				
- Cruise control						
- Foglamps		(Pkg included with				
- Global open (power down driver and passenger window).		AT MSC)				
Function included in remote keyless entry.						
 Net pocket & silver seatback trim Power door lock 						
- Remote keyless entry and retractable key						
- Steering wheel audio and cruise controls						
Suspension Package			Opt.	Opt.		
- Bilstein Shocks						
- Limited Slip Differential (LSD)						
- Sport Tuned Suspension						
Premium Package #1				Opt.		
- Anti-theft Alarm						
- Dynamic Stability Control w/Traction Control						
 Limited Slip Differential (LSD) Mazda Advanced Keyless Entry System 						
- Xenon HID Headlights						
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Premium Package #2				Opt.		
- Anti-theft Alarm						
 Dynamic Stability Control w/Traction Control Mazda Advanced Keyless Entry System 						
- Xenon HID Headlights						
Run-flat tires with Tire pressure monitor system			Opt.	Opt.		
			_			
Emissions Equipment - CA/MA/ME/NY/VT (CE2)	Opt.	Opt.	Opt.	Opt.		

	2007 MX-5 MIATA SOFTTOP					
	PIO ACCESSORIES	sv	Sport	Touring	Grand Touring	
AUD	0					
CDC	In-Dash 6 CD/MP3 Changer	Х	Х	Х	Х	
SAT	SIRIUS Satellite Radio with 6 month subscription	Х	Х	Х	Х	
EXTE	ERIOR					
MGB	Splash Guards Front and Rear (cannot be combined with 1AP Appearance package)	Х	Х	Х	Х	
1AP	Appearance Package (Front Air Dam, Side Skirt, Rear Under Skirt)	Х	Х	Х	Х	
	(Can not be combined with MGB Splash guards)					
RSP	Rear Spoiler	Х	Х	Х	Х	
WLK	Wheel Locks	Х	Х	Х	Х	
INTE	RIOR					
1TP	Interior Trim Package	Х	Х	Х	Х	
	- Instrument Panel Decorative Trim Panel - Brushed Aluminum Look					
	- Door Switch Panel - Brushed Aluminum Look					
	- Gear Shift Knob - Leather/Aluminum					
PSL	Perimeter Alarm System with Shock Sensor		Х	Х	Х	
CGN	Cargo Net	Х	Х	Х	Х	
FLA	Floor Mats - All Weather	Х	Х	Х	Х	
FLM	Floor Mats - Carpet	Х	Х	Х	Х	
FLD	Fuel Filler Door	Х	Х	Х	Х	
DEG	Door Edge Guards	Х	Х	Х	Х	

*Not all accessories will be available at launch.

2007 MX-5 MIATA					
DIO ACCESSORIES	sv	Sport	Touring	Grand Touring	
AUDIO / ELECTRONICS		opon	Touring	rouning	
In-Dash 6CD/MP3 Changer	Х	Х	Х	Х	
SIRIUS Satellite Radio Reciever Kit	Х	Х	Х	Х	
Perimeter Alarm System with Shock Sensor		Х	X		
EXTERIOR	V	V	V	V	
Car Cover - All Weather (WeatherShield Material) Car Cover - Indoor	X	X	X	X X	
Car Cover Cable Lock	X	X	X	X	
Detachable Hard Top (Body Color)	Х	Х	Х	Х	
Door Edge Guards (Body Color)	Х	Х	Х	Х	
Fog Lamp Bezel (Silver)	X	X	X	X	
Front Air Dam Skirt (Body Color) Front Mask, Full	X	X X	X	X X	
Front Mask, Full w/Front Air Dam	X	X	X	X	
Fuel-Filler Door (Chrome)	X	X	X	X	
Rear Bumper Skirt (Body Color)	Х	Х	Х	Х	
Rear Lip Spoiler (Body Color)	Х	Х	Х	Х	
Side Sills (Body Color)	X	X	X	X	
Splash Guards Fr (Body Dolor) Splash Guards Rr (Body Color	X	X	X	X X	
Touch-Up Paint	X	X	X	X	
Wheel Locks (4/set)	X	X	X	X	
INTERIOR					
Air Vent Bezel (Brushed Aluminum Tone)	Х	Х	Х	Х	
Aluminum Accel. Pedal	Х	Х	Х	Х	
Aluminum Brake & Clutch Pedal (for MT)	X	X	X	X	
Aluminum Brake Pedal (for AT) Aluminum Footrest (Driver's Side)	X	X X	X	X X	
Ash tray	X	X	X	X	
Cargo Net	X	X	X	X	
Door S/W Panel (Brushed Aluminum Tone w/Power Door Locks)	Х	Х	Х	Х	
Door S/W Panel (Brushed AluminumTone)	Х	Х	Х	Х	
Door S/W Panel (Piano Black w/Power Door Locks)	X	X	X	X	
Door S/W Panel (Piano Black) Door S/W Panel (Simulated Wood w/Power Door Locks)	X	X	X	X X	
Door S/W Panel (Simulated wood)	X	X	X	X	
Door Sill Trim Plate, RH/LH (Chrome)	Х	X	X	X	
Engine Start S/W	Х	Х	Х	Х	
Floor Mats, All Weather	Х	Х	Х	Х	
Floor Mats, Carpet	X	X	X	X	
Foot Lamp Instrument Panel Decoration Panel (Brushed Aluminum Tone)	X X	X X	X X	X X	
Instrument Panel Decoration Panel (Classic Red)	X	X	X	X	
Instrument Panel Decoration Panel (Galaxy Gray)	X	X	X	X	
Instrument Panel Decoration Panel (Simulated Wood)	Х	Х	Х	Х	
Interior Rear View Mirror Cover (Body Color)	Х	Х	Х	Х	
Parking Brake Lever Grip (Aluminum + Black Leather)	X	X	X	X	
Parking Brake Lever Grip (Wood) Seat Back Bar Cover (Galaxy Gray)	X X	X X	X X	X X	
Seat Back Bar Cover (True Red)	X	X	X	X	
Shift Gate Panel (AT) (Brushed Aluminum Tone)	X	X	X	X	
Shift Gate Panel (AT) (Piano Black)	Х	Х	Х	Х	
Shift Gate Panel (AT) (Simulated Wood)	X	X	Х	Х	
Shift Knob (for 5MT) (Aluminum + Black Leather)	X	X			
Shift Knob (for 5MT) (Wood) Shift Knob (for 6MT) (Aluminum + Black Leather)	X	Х	Х	Х	
Shift Knob (for 6MT) (Wood)			X	X	
Shift Knob (for AT) (Aluminum + Black Leather)			X	X	
Shift Knob (for AT) (Wood)			Х	Х	
Shift Plate Ring (for MT) (Piano Black)	Х	Х	X	Х	
Speaker Bezel (Brushed Aluminum Tone)	X	X	X	X	
Speaker Bezel (Piano Black) Windshield Sunscreen - Silver Reflective	X X	X X	X X	X X	
*Not all accessories will be available at launch			~		

*Not all accessories will be available at launch.

2007 MX-5 MIATA SOFTTOP INTERIOR & EXTERIOR COLORS							
		BL/	ACK	TAN			
	EXTERIOR	Cloth NF0	Leather NF0	Leather NF1			
22V	Sunlight Silver Me						
35J	Stormy Blue Mica (New for '07MY)	•	•				
35K	Highland Green (New for '07MY)	•					
32S	Galaxy Gray Mc						
32V	Copper Red Mc						
A3F	Brilliant Black						
A4A	True Red						
A5M	Marble White						
	Soft top Material / Color	Black Vinyl	Black Cloth	Tan Cloth			

SV; Available 2 exterior colors : True Red, and Marble White

2007 MAZDA MIATA MX-5						
SPECIFICATIONS	SV Sport Touring Grand To					
	2.01 DOLIC 10 value 1 and a day with VV/T (MZD)					
Engine Type Horsepower, SAE net	2.0L DOHC 16-valve 4-cylinder with VVT (MZR)					
Torque, SAE net (lb./ft.)	166 @ 6700 rpm (6AT; 163 @ 6700) 140 @ 5000 rpm					
Redline	6700 rpm					
Displacement (cubic inches)	122.0					
Bore x Stroke (inches)		3.44 2	X 3.27			
Compression Ratio		10.	8:1			
Valvetrain			er cylinder			
Engine Block			um Alloy			
Cylinder Heads		Aluminu	um Alloy			
FUEL SYSTEM		Flootrical	Multi-Port			
Fuel Injection Recommended Fuel		Premium unleaded,		er		
Minimum Fuel Requirement (rating)	1	Premium unleaded,				
Emission Control	Evaporative purge			tic converter system		
IGNITION SYSTEM						
System		DLI (Distributo	r Less Ignition)			
Alternator		12V-	100A			
Battery		-	24L			
Starter		12V; ′	I.4KW			
		Deer \A/h eel				
Type Transmissions, Manual	5 5000	Rear Wheel d Manual		ed Manual		
Transmissions, Automatic	5-5pee	-	0-0066			
Clutch Type for Manual Transmission		Single dry plate (diaphragm spring)			
Clutch Type for Automatic Transmission			A			
GEAR RATIOS (:1)	5	МТ	6MT	OR 6AT		
1st	3.	136	3.815	3.538		
2nd		888	2.260	2.060		
3rd		330	1.640	1.404		
4th		000	1.177	1.000		
5th 6th	0.	814	1.000 0.832	0.713		
Reverse	3	- 758	3.603	3.168		
Final Drive		100	4.100	4.100		
CHASSIS						
Body Type		Mono	coque			
Front Suspension		Double V	Vishbone			
Rear Suspension			tilink			
Shock Absorbers			ront and Rear			
Steering Type	 		d Pinion			
Power Assist			aulic			
Overall Steering Ratio Steering Wheel Turns-to-Lock	15.0:1					
Turning Circle, Curb-to-Curb (feet)	<u>2.7</u> 15.4					
Braking System	Diagonal Hydraulic with ABS					
Front Brakes			s (11.4 inches)			
Rear Brakes			(11.0 inches)			
Parking Brake			(lever type)			
TIRES & WHEELS						
Tires	P205/	50 R16		6/45 R17		
Tire Inflation Pressure (front/rear)	4014		/ 29 psi	7771		
Wheels	16X	6-1/2J	17X7J			

2007 MAZDA MIATA MX-5						
SPECIFICATIONS	sv	Sport	Touring	Grand Touring		
INTERIOR DIMENSIONS						
Headroom, front (inches)		37	7.4	-		
Shoulder Room, front (inches)		53	3.2			
Leg Room, front (inches)		43	3.1			
Hip Room, front (inches)		50).6			
EXTERIOR DIMENSIONS						
Wheelbase (inches)		91	.7			
Track, front (inches)		58	3.7			
Track, rear (inches)		58	3.9			
Length, w/license plate holder (inches)		15	7.3			
Width (inches)		67	' .7			
Height (inches)		49	9.0			
Minimum Ground Clearance, laden (inches)		4	.6			
WEIGHTS						
Weight Distribution, % front: rear		52	:48			
Curb Weight, Federal Spec (lbs.) - M/T	2441	2474		2498		
Curb Weight, Federal Spec (lbs.) - A/T	-		2527			
GVWR (lbs.)		30	78			
GVWR - Front (lbs.)		15	74			
GVWR - Rear (lbs.)		15	04			
CAPACITIES						
Oil (U.S. quarts)		4	.9			
Engine Coolant (U.S. quarts)		7	.9			
Fuel Tank (gallons)		12	2.7			
Passenger Volume (cubic feet)		n	/a			
Cargo Volume (cubic feet)		5	.3			
Total Volume		n	/a			
EPA Vehicle Size Category	n/a					
FUEL ECONOMY						
EPA Mileage, City/Highway (mpg) - M/T	25	5/30	2	24/30		
EPA Mileage, City/Highway (mpg) - A/T	- 22/30					