2005 MX-5 Miata

*** Information contained herein is subject to change without notice.**
E. & O. E.

2005 Miata Specifications

Engine

Type	Inline 4-cylinder
Valve gear	DOHC 16-valve w/S-VT Intake
Displacement	1839 cc
Bore and Stroke	83.1 x 85.1 mm
Compression	10.0 : 1
Horsepower SAE net	142 @ 7000 rpm
Torque, SAE net lb.-ft.	125 @ 5000 rpm
Fuel System	Multi-port Electronic Fuel Injection (EFI)
Recommended Fuel	Premium (unleaded)

Drivetrain

Type	Front engine/rear-wheel drive
Transmission	5-speed manual with overdrive (GX) 6-speed manual with overdrive (GS and GT) Optional: 4-speed electronically controlled automatic with overdrive and lock-up torque converter (GX and GT)

Gear ratios:	**5 MT**	**6 MT**	**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	3.758	3.564	2.222
Final Drive	4.300	4.100	4.100

Clutch type: Single dry plate, hydraulically actuated (Except AT)

Suspension

Frame	Unit body (Monocoque), Power Plant Frame (PPF)
Suspension	Fully independent double wishbone with coil springs, gas-filled shock absorbers, and front and rear stabilizer bars

Chassis

Steering	Rack-and-Pinion type with engine rpm sensing variable power
Steering Ratio	15.0:1
Steering Wheel Turns	2.7 (lock to lock)
Min. turning Circle	9.2 m (30.2 ft) curb to curb
Brakes	Power-assisted 4-wheel disc brakes with dual hydraulic circuits Front ventilated brakes: 10" on 15" wheels/10.6" on 16" wheels Rear solid disc brakes: 9.9" on 15" wheels/10.9" on 16" wheels Anti-lock Braking System (ABS) (GT models)
Wheels	15” Alloy Wheels; 16” Alloy Wheels (GS & GT Models)
Tires	195/50R15 82V summer tire 205/45R16 83W summer tire (GS & GT Models)
Curb Weight	5MT - 1,104 kg, 4AT - 1,116 kg (w/o A/C), 4AT - 1,133 kg (w/ A/C), 6MT - 1,101 kg (w/o A/C), 6MT - 1,118 (w/ A/C)

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2005 Miata Specifications

Electrical System

Battery	12 Volt - 32 amp
Alternator	12 Volt - 80 amp
Cold Cranking Capacity	325 amp
Ignition System	Distributorless Electronic

Capacities

Seating	2
Engine Oil Capacity	4.0L
Coolant Capacity	6.0L
Washer Fluid Tank	3.5L
Fuel Tank	48L

External Dimensions (mm)

Wheelbase	2,265
Track (Fr/Rr)	1,415/1,440
Length	3,945
Width	1,678
Height	1,228
Ground Clearance	102 (laden)
	117 (unladen)

Internal Dimensions

Headroom	942 mm
Legroom	1,086 mm
Shoulder Room	1,262 mm
Hip Room	1,250 mm
VDA Cargo Volume	144L

Fuel Economy Ratings (Transport Canada)

	City	Highway
5-Speed Manual	10.2L/100km	7.7L/100km
6-Speed Manual	10.4L/100km	7.8L/100km
Automatic	10.6L/100km	7.8L/100km

Estimated Performance Data

Acceleration MT (0 - 100 km/h: sec)	5MT - 8.1, 6MT - 8.0
Top Speed MT (km/h)	5MT - 202, 6MT – 205
Coefficient of Drag (Cd)	0.38
Weight Distribution % (fr/rr)	50 / 50

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2005 MX-5 MIATA FEATURES

Engineering Features	GX	GS	GT
1.8L SVT 16-valve 4-cylinder engine with multi-port fuel injection	S	S	S
5-speed manual transmission	S	--	--
6-speed manual transmission	--	S	S
4-speed electronically controlled automatic transmission with overdrive and lock-up torque converter	O	--	O
Sport-tuned exhaust system with stainless steel tubular header	S	S	S
Rack-and-pinion steering with engine-rpm-sensing variable power assist	S	S	S
Power-assisted 4-wheel disc brakes	S	S	S
Anti-lock brake system (ABS)	--	--	S
Front engine / Rear-wheel drive	S	S	S
4-wheel independent double wishbone suspension	S	S	S
Front and rear stabilizer bars	S	S	S
Power Plant Frame (PPF)	S	S	S
Limited-Slip Differential (LSD) (not available on AT models)	--	S	S (MT only)
Strut tower bar	--	S	S
Sport suspension including Bilstein Shocks	--	S	--
Dual air bag (SRS) with cut off switch for passenger	S	S	S
Engine immobilizer theft-deterrent system	S	S	S
Exterior Features			
15-inch aluminum alloy wheels	S	--	--
195/50R15 performance radial tires	S	--	--
16-inch aluminum alloy wheels	--	S	S
205/45R16 performance radial tires	--	S	S
Black vinyl soft-folding convertible top	S	S	--
Beige or black cloth convertible top (interior colour specific)	--	--	S
Beige or black convertible top storage cover (interior colour specific)	--	--	S
Detachable hardtop attachments	S	S	S
Detachable hardtop, body colour	-	-	O
Green tinted HPR windshield	S	S	S
Rear glass window with electric defogger	S	S	S
Power colour-keyed door mirrors	S	S	S
2-speed windshield wipers with intermittent and 1-wipe	S	S	S
Four multi reflector halogen headlights (two projectors)	S	S	S
Fog lights	S	S	S
Power antenna	S	S	S
Aero Sport Package (front air dam, side sills and large mud guards)	DIO	DIO	DIO

S = Standard O = Optional DIO = Dealer Installed Option

2005 MX-5 MIATA FEATURES

Interior Features	GX	GS	GT
Air conditioning	--	--	S
AM/FM radio plus CD player w/2 speakers	S(Module)	--	--
AM/FM radio plus CD player w/4 speakers	--	S(Module)	--
BOSE audio system (includes AM/FM CD w/ 6 speakers - including 2 tweeters) with speed sensing auto audio volume control	--	--	S(Module)
Foldable Windblocker with storage pocket	--	S	S
Cruise control	--	--	S
Leather-wrapped 3-spoke steering wheel	S	S	S
Leather-wrapped shift knob	--	S	S (6 MT only)
Aluminum look shift plate bezel	S	S	S
Aluminum look hand brake button	S	S	S
Aluminum look centre console	S	S	S
Aluminum look air vent bezel	S	S	S
Aluminum look inner handles	S	S	S
Aluminum look meter rings	S	S	S
White background meters	S	S	S
Power door locks	S	S	S
Slam locks	S	S	S
Remote keyless entry with trunk release and retractable key	S	S	S
Internal trunk and fuel door releases	S	S	S
Power windows with driver's one-touch down feature	S	S	S
Highback reclining and sliding bucket seats	S	S	S
Seatbelt pretensioners with force limiter	S	S	S
Black cloth upholstery	S	S	--
Beige or black leather interior	--	--	S
Map pocket on passenger-side seatback	S	S	S
Instrument panel storage compartment	S	S	S
Molded door trim w/ armrest and door pockets	S	S	S
Two cup holders	S	S	S
Lockable centre console storage box	S	S	S
Lockable glove compartment	S	S	S
Cigarette lighter and ashtray	S	S	S
Day/night rearview mirror	S	S	S
Integrated type sunvisors with vanity mirrors	S	S	S
Room lamp	S	S	S
Tachometer	S	S	S
Resettable twin trip odometers	S	S	S
Gauges for water temperature, engine oil pressure (indicator type) and fuel level	S	S	S
Low fuel warning lamp	S	S	S
Heater/defroster with 4-speed blower and side-window	S	S	S
Full mat, needle punch carpeting	S	S	S
Floor mats	S	S	S
Trunk room storage box	S	S	S
Trunk room mat, rear and side trim	S	S	S
Trunk light	S	S	S
ISOFIX child seat anchors	S	S	S

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2005 MY Miata Equipment Walk

GX

5 speed manual transmission
15" alloy wheels
Power windows
Power door locks
Remote keyless entry with retractable type key
Vanity mirror - driver
4-wheel disc brakes
Engine immobilizer theft-deterrent system
Fog lights
Aluminum-look interior finish
10" front brakes
9.9" rear brakes
Colour keyed power mirrors
Power antenna
AM/FM/Cd with 2 speakers
Leather wrapped steering wheel
Tachometer

Options

4 speed automatic transmission

Dealer Installed Option

Aero sport kit

GS

GX plus:
6-speed manual transmission
16" alloy wheels w/ 205 tires
Larger brakes (10.6" front and 10.9" rear)
Sports suspension
Limited slip differential
Strut tower bar
Rear speakers
Windblocker with storage pocket
AM/FM/Cd with 4 speakers

Dealer Installed Option

Aero sport kit

GT with manual transmission

GS plus:
Bose audio system (AM/FM/CD) with 6 speakers
Tweeter speakers
Cruise control
ABS brakes
Delete sport suspension
Leather seats
Black or beige coloured soft cloth top
Convertible top storage cover
Air conditioning

GT with automatic transmission
GT with manual transmission plus:
4-speed automatic transmission
Delete 6-speed manual transmission
Delete limited slip differential

Options

4-speed automatic transmission
Detachable hard top

Dealer Installed Option

Aero sport kit