2009 MX-5

SPECIFICATIONS & FEATURES

PRODUCTION TIMING:

Job #1: December 2008 Production

LINE-UP:

GX
GS
GT

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*** Information contained herein is subject to change without notice.**
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Updated: January 7, 2009

2009 Mazda MX-5 Product Information

Power train/transmission

► Optional 6-speed ***Sport*** AT with Paddle shifters (GS & GT)
► Improved 2.0L engine
► Improved suspension

Exterior

► Refreshed exterior
► Mesh type front grill with chrome trim (GS & GT)

Interior

► Refreshed interior
► MP3 and WMA functionality on CD player
► Auxiliary audio input
► Bluetooth® with Audio Profile (GT only)
► SIRIUS satellite radio (GT only)
► Trip computer w/ avg fuel economy & ambient temperature (GS & GT)
► Auto-dimming mirror with HomeLink ® (GT only)
► Automatic air conditioning with climate control (Optional on GX, Standard on GS & GT)
► Leather door trim panel
► Leather parking brake handle

Colours

► 3 new exterior colours
- ► Metropolitan Gray Mica
- ► Aluminum Metallic
- ► Competition Yellow

► 4 new interior colours
- ► Fabric Black
- ► Leather Black
- ► Leather Dune Beige
- ► Leather Havana Brown

Deleted Exterior Colours

- ► Sunlight Silver Metallic
- ► Galaxy Gray Mica
- ► Highland Green Mica

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2009 Mazda MX-5 Colour Guide

Exterior:

True Red

Stormy Blue Mica

Marble White*

Competition Yellow

Copper Red Mica

Metropolitan Gray Mica

Brilliant Black

Aluminum Metallic

** only available with soft top models*

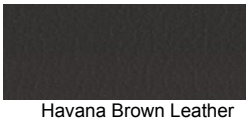
Interior:

Seating and trim

Black Cloth

Black Leather

Beige Leather


Havana Brown Leather

2009 Mazda MX-5 Colour & Trim:

COLOUR		GX / GS (Cloth)	GT (Leather)
Copper red mica		Black	Black
Stormy blue mica			Dune Beige
Metropolitan gray mica			Havana Brown
Aluminum metallic			Black
Brilliant black			Black
True red			Black
Marble white*			N/A
Competition Yellow			Black

* Not available for PRHT

Disclaimer

This colour guide has been added to facilitate the ordering process. Although we have made every effort to match the colour and fabric, we cannot guarantee the images above are their exact equivalent.

2009 Mazda MX-5 Model Line-up:

Trim		Model Description		
GX	5MT			
	5MT	A/C		
	6AT	A/C		
GS	6MT			
	6MT	PRHT		
	6AT	Paddle shifters		
	6AT	Paddle shifters, PRHT		
GT	6MT	PRHT		
	6AT	Paddle shifters, PRHT		

2009 Mazda MX-5 Options:

GX	GS	GT	
O	--	--	6-speed ***Sport*** mode AT
--	O	O	6-speed Sport mode AT with paddle shifters
O	Std.	Std.	Air conditioning with micron air filter
--	O	Std.	Power retractable hard top

Power Retractable Hard Top

- Power retractable hard top
- In-board command buttons, indicator light, and safety sensors
- Chrome finish on headlamp bezel
- Chrome finish on outer door handle

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2009 Mazda MX-5 Specifications

Engine

Type	2.0L Inline 4-cylinder
Valve gear	DOHC - 16 valve w/ VVT (MZR)
Displacement	1999 cc
Bore and Stroke	87.5 X 83.1
Compression	10.8 : 1
Horsepower SAE net	167 @ 7000 rpm (158 @ 6700 rpm on AT models)
Torque, SAE net lb.-ft.	140 @ 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 (GX) 6-speed manual (GS and GT) Optional: 6-speed electronically controlled automatic with overdrive (GX) Optional: 6-speed electronically controlled automatic with overdrive and lock-up torque converter and paddle shifters (GS & GT)

Gear ratios:	**5 MT**	**6 MT**	**6 AT**
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	-	0.787	0.582
Reverse	3.758	3.603	3.168
Final Drive	4.100	4.100	4.100

Clutch type	Single dry plate (diaphragm spring)

Suspension

Frame	Unit body (Monocoque), Power Plant Frame (PPF)
Suspension	Front: Fully independent double wishbone with coil springs Rear: Multi-link with coil springs Front and rear stabilizer bars

Chassis

Steering	Rack-and-Pinion type with engine rpm sensing variable power assist
Steering Ratio	15.0:1
Steering Wheel Turns	2.7 (lock to lock)
Min. turning Circle	9.4 m (curb to curb)
Brakes	Power-assisted 4-wheel disc brakes with diagonal hydraulic circuits Anti-lock Braking System (ABS) Front: 290mm Rear:280mm
Wheels	16” Alloy Wheels; 17” Alloy Wheels (GS & GT Models)
Tires	205/50R16 205/45R17 (GS & GT Models)
Curb Weight	5MT - 1,115 kg (w/o A/C), 5MT - 1,130 kg (w/ A/C) 6MT - 1,130 kg (w/o A/C), 6MT - 1,145 kg (w/ A/C) 6AT - 1,159 kg (w/ A/C) Power retractable hard top adds 37 kg to curb weight for 6MT models. Power retractable hard top adds 35 kg to curb weight for 6AT models.

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2009 Mazda MX-5 Specifications

Electrical System

Battery	46B24L
Alternator	12 Volt - 100 amp
Ignition System	Distributorless Ignition

Capacities

Seating	2
Engine Oil Capacity	4.6L
Coolant Capacity	7.5L
Washer Fluid Tank	3.5L
Fuel Tank	48L

External Dimensions (mm)

Wheelbase	2,330
Track (Fr/Rr)	1,490/1,495
Length	4,032
Width	1,720
Height	1,245 softtop/1,255 hardtop
Ground Clearance	118 (laden)

Internal Dimensions

Headroom	950 mm softtop/ 940 mm hardtop
Legroom	1,096 mm
Shoulder Room	1,352 mm
Hip Room	1,286 mm
VDA Cargo Volume	150L

Fuel Economy Ratings L/100km

	5MT	6MT	6AT *Sport*
City	9.2	9.7	10.1
Highway	7.1	7.1	7.2

Estimated Performance Data

Acceleration MT (0 - 100 km/h: sec)	5MT - 8.0	6MT - 7.8	6AT - N/A
Top Speed (km/h)	5MT - 205	6MT - 206	6AT - 191
	PRHT	6MT - N/A	6AT - 194

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2009 MX-5			
EQUIPMENT AND FEATURES	GX	GS	GT
Engineering Features			
2.0L DOHC 16-valve 4-cylinder with VVT (MZR)	S	S	S
5-speed manual transmission	S	--	--
6-speed manual transmission	--	S	S
6-speed ***Sport*** electronically controlled automatic transmission with overdrive	O	--	--
6-speed ***Sport*** electronically controlled automatic transmission with overdrive and paddle shifters (deletes Bilstein shock absorbers & Limited Slip Differential (LSD))	--	O	O
Rack-and-pinion steering with engine-rpm-sensing variable power assist	S	S	S
Brakes, power - assisted 4-wheel ventilated front / solid rear disc	S	S	S
Anti-lock brake system (ABS) with EBFD	S	S	S
Front engine / Rear-wheel drive	S	S	S
Fr. Double wishbone suspension with aluminum arms, mono tube dampers	S	S	S
Rr. Multi-Link suspension with aluminum baring support, mono tube dampers	S	S	S
Front and rear stabilizer bars	S	S	S
Aluminum Power Plant Frame (PPF)	S	S	S
Limited-Slip Differential (LSD)	--	S	S
Dynamic Stability Control (DSC) with traction control	--	S	S
Front strut tower bar	--	S	S
Sport suspension with Bilstein shock absorbers	--	S	S
Exterior Features			
16-inch aluminum alloy wheels	S	--	--
205/50R16 performance radial tires	S	--	--
17-inch aluminum alloy wheels	--	S	S
205/45R17 performance radial tires	--	S	S
Black vinyl soft-folding convertible top	S	--	--
Black cloth convertible top	--	S	--
Power retractable hard top (PRHT)	--	PRHT	S
Chrome finish on headlamp bezel	--	PRHT	S
Mesh type front grill with chrome trim	--	S	S
Chrome finish on outer door handle	--	PRHT	S
Windshield, solar-control/tinted (green)	S	S	S
Rear glass window with electric defogger	S	S	S
Body coloured power door mirrors	S	S	S
Intermittent windshield wipers	S	S	S
Headlights - Halogen	S	S	-
Headlights - Xenon HID	--	--	S
Fog lights	S	S	S
Black seat-back style bars	S	--	--
Silver seat-back style bars	--	S	S
Antenna, rear fender mounted	S	S	S
Dual exhaust outlets - silver coloured tips	S	S	S
Interior Features: Comfort and Convenience			
Air conditioning with climate control	O	S	S
AM/FM radio plus CD player w/4 speakers and 2 tweeters	S	S	--
Auxiliary audio input	S	S	S
MP3 & WMA functionality on CD player	S	S	S
BOSE audio system (includes AM/FM 6 disc in-dash CD w/ 7 speakers - including 2 tweeters) with AudioPilot® Noise Compensation System	--	--	S
SIRIUS satellite radio	--	--	S
Bluetooth® hands-free phone system	--	--	S
Premium decorative dash trim	--	S	S
Windblocker - mesh aero board	S	S	S
Cruise control	S	S	S
Leather-wrapped 3-spoke steering wheel	S	S	S
Leather-wrapped shift knob	S	S	S
Leather parking brake handle	--	--	S
Steering wheel mounted audio controls	S	S	S
Tilt-Steering	S	S	S
Silver-finish interior trim including gauge rings, air-vent bezels, door inner handles, shift-plate bezel and steering wheel	S	S	S
Leather door trim panel	--	--	S
Power door locks	S	S	S
Auto-dimming rear-view mirror w/ HomeLink®	--	--	S

S = Standard O = Optional PRHT: Power Retractable Hard Top

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2009 MX-5			
EQUIPMENT AND FEATURES	GX	GS	GT
Interior Features: Comfort and Convenience (continued)			
Remote keyless entry system with retractable key, and panic alarm (includes two transmitters)	S	S	--
Intelligent Key System (keyless entry and start)	--	--	S
Internal trunk and fuel door releases	S	S	S
Power windows with one-touch down feature	S	S	S
Heater/defroster with multiple-speed fan	S	S	S
Needle punch carpeting	S	S	S
Floor carpet mats	S	S	S
Trunk room mat, rear and side trim	S	S	S
Trunk light	S	S	S
12-V power outlet	S	S	S
Day/night rearview mirror	S	S	--
Courtesy light on windshield header	S	S	S
Integrated type sunvisors with vanity mirrors	S	S	S
Interior Features: Seating and Trim			
Bucket seats with reclining and forward/back slide feature	S	S	S
Integrated headrests	S	S	S
Black cloth upholstery	S	S	--
Black, Dune Beige, or Havana Brown leather interior	--	--	S
Adjustable heated front seats	--	--	S
Seat height adjuster (Driver side seat)	--	S	S
Map pocket on driver's side seatback	S	S	S
Soft feel centre arm rest	S	S	--
Leather-like center arm rest & console lid	--	--	S
Interior Features: Safety and Security	**GX**	**GS**	**GT**
In-board command buttons, indicator light, and safety sensors for PRHT	--	PRHT	S
Burglar alarm	S	S	S
Dual front airbags	S	S	S
Engine immobilizer theft-deterrent system	S	S	S
Side impact airbags	S	S	S
Side impact door beams	S	S	S
Seatbelt pretensioners with force limiter	S	S	S
ISOFIX child seat anchors	S	S	S
Tire puncture repair kit	S	S	S
Interior Features: Storage			
Lockable glove compartment with 5.7L capacity	S	S	S
Door pocket insert	S	S	S
Rear centre storage compartment	S	S	S
Back trim storage recess behind each seat (not available for PRHT)	S	S	--
Dual cup holders	S	S	S
Coin holder	S	S	S
Interior Features: Instrument Panel	**GX**	**GS**	**GT**
Resettable twin trip odometers	S	S	S
Exterior temperature gauge	--	S	S
Tachometer	S	S	S
Full Instrumentation including, tachometer, coolant temperature gauge, oil pressure & fuel indicators	S	S	S
Low fuel warning lamp	S	S	S
Gauges, black with white lettering & red nighttime illumination coated with low reflection film	S	S	S
Trip Computer	-	S	S

S = Standard O = Optional PRHT: Power Retractable Hard Top

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2009 Mazda MX-5 Equipment Walk

GX
5-Speed manual transmission
2.0L DOHC 16-VALVE I4 VVT
167 HP @ 7000 rpm (158 hp @ 6700 rpm AT)
140 lb./ft torque @ 5000 rpm
16" alloy wheels
205/50R16 tires
4-wheel disc brakes
Anti-lock brake system (ABS)
Front & Rear Stabilizer bars
Leather wrapped steering wheel
Manual Z-Type vinyl convertible top
Power windows
AM/FM/CD w 6/Speakers
Mesh Aero Board
Dual front airbags
Engine immobilizer anti-theft system
Tilt Steering
Cruise control
Steering wheel audio & cruise controls
Leather wrapped shift knob
Power door locks
Keyless entry w/retractable key
Fog lights
New
Side impact airbags
MP3 & WMA functionality on CD player
Auxiliary audio input
Door pocket insert
Soft feel centre arm rest

GS
Includes GX features plus:
6-Speed manual transmission
17" alloy wheels
205/45R17 tires
Limited slip differential (LSD)
Dynamic Stability Control (DSC)
Strut tower bar
Seat height Adjuster
Sport suspension w/ Bilstein shocks
New
Air conditioning with climate control
Trip computer
Premium decorative dash trim
Mesh type front grill with chrome trim

GT
Includes GS features plus:
Leather seats
Xenon headlights (HID)
Bose Audio system w/7 speakers
Smart Keyless entry system
CD changer
New
Adjustable heated front seats
Auto-dimming rear-view mirror with HomeLink®
Sirius satellite radio
Limited slip differential (LSD)
Dynamic Stability Control (DSC)
Sport suspension w/ Bilstein shock absorbers
Bluetooth® hands-free phone system
Power retractable hard top
In-board command buttons, indicator light, safety sensors
Chrome finish on headlamp bezel
Chrome finish on outer door handle
Leather center arm rest & console lid
Leather door trim panel
Leather parking brake handle

PACKAGES

Power Retractable Hard Top
Power retractable hard top
In-board command buttons, indicator light, and safety sensors
Chrome finish on headlamp bezel
Chrome finish on outer door handle

OPTIONS

GX Options
6 Speed ***Sport*** AT
Air Conditioning

GS Option
6 Speed ***Sport*** AT w/ Paddle shifters

GT Option
6 Speed ***Sport*** AT w/ Paddle shifters

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