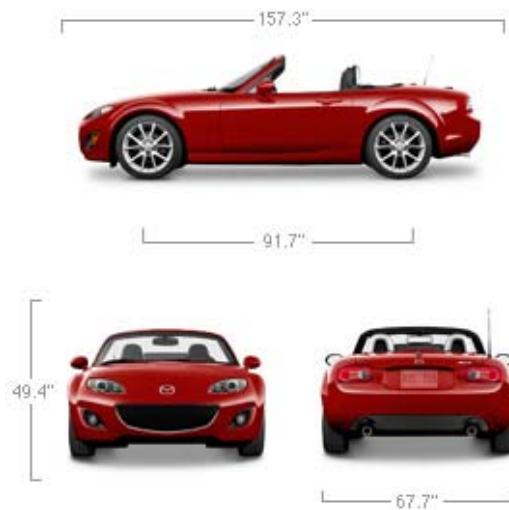


# 2010 MX-5 Miata

## Engine & Mechanical



standard option not available



### MX-5 Miata at a Glance:



#### Engine Type

167-hp†, MZR 2.0L DOHC 16-valve 4-cylinder engine with variable valve timing (VVT)



#### Convertible Options

Choice of soft top or Power Retractable Hard Top (PRHT)



#### Fuel Efficiency

22/28 city/hwy - 5-speed MT‡

21/28 city/hwy - 6-speed MT‡

21/28 city/hwy - 6-speed AT‡



#### Safety Features

Standard advanced front air bags and side-impact air bags\*\*\*

2010 MX-5 Miata	Sport	Touring	Grand Touring
<b>Engine</b>			
Engine type	MZR 2.0L DOHC 16-valve 4-cylinder engine with variable valve timing (VVT)		
<b>Horsepower</b>			
- Manual transmission	167 hp @ 7000 rpm		
- Automatic transmission	158 hp @ 6700 rpm		
Torque	140 lb-ft @ 5000 rpm		
<b>Redline</b>			
- Manual transmission	7200 rpm		
- Automatic transmission	6700 rpm		
Displacement (cc)	1999		
Bore x stroke (mm)	87.5 x 83.1		
Compression ratio	10.8:1		
Fuel system	Multiport electronic fuel injection with tuned air intake		
Recommended fuel	Premium unleaded		
Ignition system	Coil on plug		
Valve train	4 valves per cylinder, variable valve timing (VVT) with timing-chain-driven camshafts		
Engine block	Aluminum alloy		
Cylinder head	Aluminum alloy		
Crankshaft	Forged steel		
Connecting rods	Forged steel		
Emission control type (Fed/Cal)	Tier2 - BIN5 / LEV-II ULEV		
<b>Fuel Economy</b>			
Manual transmission (city/hwy)‡	22/28	21/28	21/28
Automatic transmission (city/hwy)‡		21/28	

<b>Drivetrain</b>			
Type	Rear-wheel drive (RWD)		
Manual transmission	5-speed with short-throw shifter	6-speed close-ratio with short-throw shifter	6-speed close-ratio with short-throw shifter
Automatic transmission	6-speed Sport with Adaptive Shift Logic and steering-wheel-mounted paddle shifters		
Differential	Available torque-sensing limit-slip (manual transmission only)		
<b>Gear Ratios (:1)</b>	5MT	6MT	6AT
1st	3.14	3.82	3.54
2nd	1.89	2.26	2.06
3rd	1.33	1.64	1.40
4th	1.00	1.18	1.00
5th	0.81	1.00	0.71
6th	--	0.79	0.58
Reverse	3.76	3.60	3.17
Final drive	4.10	4.10	4.10
<b>Chassis</b>			
Frame	Aluminum Power Plant Frame		
Brakes	Power-assist 4-wheel disc brakes with Anti-lock Brake System (ABS), Electronic Brakeforce Distribution (EBD) and Brake Assist		
- Front	11.4-inch vented disc		
- Rear	11.0-inch solid disc with aluminum brake calipers		
Steering type	Rack-and-pinion with variable power assist		
Overall steering ratio	15.0:1		
Steering wheel turns-to-lock	2.7		
Turning circle diameter, curb-to-curb (ft)	30.8		
Suspension	4-wheel independent		
- Front	Double wishbone, coil springs and stabilizer bar		
- Rear	Multilink, coil springs and stabilizer bar		
- Stabilizer bar (front)	Hollow		
- Stabilizer bar (rear)	Solid		
- Springs	Available sport-tuned coil springs		
- Front strut tower brace	--	Standard	Standard
Shock absorbers	Gas-filled, double acting; available Bilstein®		
Wheel size (in)	16 x 6.5	17 x 7.0	17 x 7.0
Tire size	P205/50R16 V-speed-rated radial tires	P205/45R17 W-speed-rated radial tires	P205/45R17 W-speed-rated radial tires
<b>Weights &amp; Capacities</b>			
Curb weight (lbs)**			
- MT	2480	2511	2511
- AT	2542		
Weight distribution (front/rear)	52/48		
Fuel capacity (gallons)	12.7		

# 2010 MX-5 Miata



## Exterior

S standard  
 □ option  
 -- not available

2010 MX-5 Miata	Sport	Touring	Grand Touring
<b>Body</b>			
Halogen headlights with projector-type low beams	S	S	S
Xenon High-Intensity-Discharge (HID) low-beam headlights	--	--	□
Halogen fog lights	□****	S	S
Body-color front and rear bumpers	S	S	S
Chrome grille surround	--	S	S
Lightweight aluminum-alloy hood and trunk lid	S	S	S
2-speed fixed-intermittent windshield wipers	S	S	S
Dual body-color power remote outside mirrors	S	S	S
Body-color door handles	S	S	S
Black vinyl convertible top	S	S	--
Black or Beige cloth convertible top	--	--	S
Glass rear window with defogger	S	S	S
Rear-fender-mounted antenna	S	S	S
Dual exhaust outlets with chrome tips	S	S	S
<b>Wheels &amp; Tires</b>			
16-inch aluminum-alloy wheels	S	--	--
17-inch aluminum-alloy wheels	--	S	S
P205/50R16 high-performance radial tires	S	--	--
P205/45R17 high-performance radial tires	--	S	S
Tire puncture repair kit (includes compressor, tire sealant, injection hose, spare valve core, valve core tool)	S	S	S
Run-flat tires (does not include tire puncture repair kit)	--	--	□
<b>Exterior Dimensions</b>			
Wheelbase (in)	91.7	91.7	91.7
Track, front (in)	58.7	58.7	58.7
Track, rear (in)	58.9	58.9	58.9
Length (in)	157.3	157.3	157.3
Width (in)	67.7	67.7	67.7
Height (in)	49.0	49.0	49.0
Minimum ground clearance, laden (in)	4.6	4.6	4.6

# 2010 MX-5 Miata



## Interior

standard option not available

2010 MX-5 Miata	Sport	Touring	Grand Touring
<b>Comfort &amp; Convenience</b>			
Air conditioning			
Automatic climate control			
Rear window defogger			
Power windows with driver's one-touch-down feature			
Passenger window one-touch-down feature	****		
Power door locks with 2-stage unlocking feature	****		
Remote keyless entry system with retractable key	****		
Mazda Advanced Keyless Entry & Start System			
Cruise control with steering-wheel-mounted controls	****		
Bluetooth® hands-free phone and audio capability††			
Manual day/night rearview mirror			
Auto-dimming rearview mirror with HomeLink®			
Tilt steering wheel			
Driver and passenger visor vanity mirrors			
Retractable wind blocker			
12-volt power outlet			
<b>Storage</b>			
Lockable glove box			
Center console storage/cup holder with sliding cover			
Lockable rear storage			
Driver and passenger behind-seat storage - covered			
Front door net pockets with bottle holders			
Driver's seatback storage pocket			
<b>Seating &amp; Trim</b>			
6-way adjustable driver's seat			
4-way adjustable passenger seat			
Cloth-trimmed seats - Black			
Leather-trimmed seats - Black, Beige or Brown			
Heated seats with 5-level variable heat settings			
Leather-wrapped steering wheel			
Leather-wrapped shift knob			

Leather-wrapped parking brake	--	--	\$
Interior trim - Black	\$	\$	--
Interior trim - Silver	--	--	\$
Seatback bars - Black	\$	--	--
Seatback bars - Silver	□****	\$	\$
<b>Audio</b>			
AM/FM/CD/MP3-compatible stereo with 6 speakers	\$	--	--
AM/FM/in-dash 6-disc CD/MP3-compatible changer with 6 speakers	--	\$	--
Bose® audio system with AudioPilot®, AM/FM/in-dash 6-disc CD/MP3-compatible changer and 7 speakers	--	--	\$
Steering-wheel-mounted audio controls	□****	\$	\$
Speed-sensing automatic level control	\$	\$	--
Bluetooth® hands-free phone and audio capability††	--	--	□
Auxiliary-audio input jack	\$	\$	\$
SIRIUS Satellite Radio with free 6-month subscription	--	--	□
<b>Instrumentation</b>			
Speedometer, tachometer, oil pressure, coolant temperature and fuel gauge	\$	\$	\$
Black face, silver trim with white lettering (red illumination)	\$	\$	\$
Trip computer	□****	\$	\$
<b>Interior Dimensions &amp; Capacities</b>			
Headroom (in)	37.4	37.4	37.4
Shoulder room (in)	53.2	53.2	53.2
Hip room (in)	50.6	50.6	50.6
Legroom (in)	43.1	43.1	43.1
Cargo volume (cu ft)	5.3	5.3	5.3

# 2010 MX-5 Miata



## Safety

■ standard  
 ■ option  
 -- not available

2010 MX-5 Miata	Sport	Touring	Grand Touring
Dual front air bags*** with passenger-side deactivation switch	■	■	■
Side-impact air bags***	■	■	■
3-point seat belts with pretensioners and force limiters	■	■	■
Seat-belt pretensioners with force limiters	■	■	■
Anti-lock Brake System (ABS) with Electronic Brakeforce Distribution (EBD) and Brake Assist	■	■	■
Dynamic Stability Control (DSC)††† and Traction Control System (TCS)	--	--	■
Side-impact door beams	■	■	■
Collapsible steering column	■	■	■
Keyless remote panic button feature (on key fob)	■****	■	■
Engine-immobilizer anti-theft system	■	■	■
Anti-theft alarm system	--	--	■
Tire puncture repair kit (includes compressor, tire sealant, injection hose, spare valve core, valve core tool)	■	■	■
Run-flat tires (does not include tire puncture repair kit)	--	--	■
Tire-Pressure Monitoring System (TPMS)	■	■	■

# 2010 MX-5 Miata



## Options & Packages

standard option not available

2010 MX-5 Miata	Sport	Touring	Grand Touring
<b>Convenience Package</b> <ul style="list-style-type: none"> <li>- Fog lights</li> <li>- Remote keyless entry and retractable key</li> <li>- Power door locks</li> <li>- Cruise control</li> <li>- Steering-wheel-mounted audio and cruise controls</li> <li>- One-touch-down passenger window</li> <li>- Trip computer</li> <li>- Silver seatback bars</li> </ul>	****		
<b>Suspension Package</b> <ul style="list-style-type: none"> <li>- Sport-tuned suspension</li> <li>- Bilstein® shock absorbers</li> <li>- Limited-slip differential (manual transmission only)</li> </ul>	--		
<b>Premium Package</b> <ul style="list-style-type: none"> <li>- Xenon High-Intensity-Discharge (HID) low-beam headlights</li> <li>- Mazda Advanced Keyless Entry &amp; Start System</li> <li>- Bluetooth® hands-free phone capability††</li> <li>- SIRIUS Satellite Radio with free 6-month subscription</li> <li>- Dynamic Stability Control (DSC)††† and Traction Control System (TCS)</li> <li>- Antitheft alarm</li> </ul>	--	--	
<b>Run-flat tires</b>	--	--	
<b>Audio</b>			
In-Dash 6-disc CD/MP3-compatible changer	--	--	--
SIRIUS Satellite Radio with free 6-month subscription			†††
<b>Exterior</b>			
<b>Appearance Package</b> (not available with splash guards) <ul style="list-style-type: none"> <li>- Front air dam</li> <li>- Side sill skirts</li> <li>- Rear under skirt</li> </ul>			
Door edge guards			
Chrome fuel-filler door			
Splash guards front and rear (not available with Appearance Pkg)			
Rear spoiler			
Wheel locks			
<b>Interior</b>			
<b>Interior Trim Package</b> <ul style="list-style-type: none"> <li>- Instrument panel decorative trim panel (brushed aluminum look)</li> <li>- Door switch panel (brushed aluminum)</li> </ul>	****		

look) - Gear shift knob (leather/aluminum)			
Floor mats - Carpet	☐	☐	☐
Floor mats - All-weather	☐	☐	☐
Cargo net	☐	☐	☐
Antitheft alarm with shock sensor	☐****	☐	☐†††

\* MSRP includes destination charges but excludes tax, title and license fees. Destination charges may vary in Alaska and Hawaii. Vehicles displayed may contain optional equipment at additional costs. Actual dealer price may vary.

† 158 hp - 6-speed Sport automatic transmission.

‡ EPA-estimated mileage. Actual results may vary.

\*\* Federal emission specification.

†† Standard on MX-5 Sport with 6-speed Sport automatic transmission.

‡‡ The Bluetooth® system functions only with select manufactured devices. Please consult [www.MazdaUSA.com/bluetooth](http://www.MazdaUSA.com/bluetooth) for device compatibility.

\*\*\* Always wear your seat belt and deactivate passenger-side air bag when using a child- or infant-safety seat.

††† Dynamic Stability Control (DSC) is an electronic system to help the driver maintain control under adverse conditions. It is not a substitute for safe driving practices. Factors including speed, road conditions and driver steering input can all affect whether DSC will be effective in preventing loss of control. Please see the Owner's Manual for further details.

‡‡‡ Not available with Premium Package.

\*\*\*\* Requires Convenience Package on MX-5 Sport with 5-speed manual transmission. Standard on MX-5 Sport with 6-speed Sport automatic transmission.