

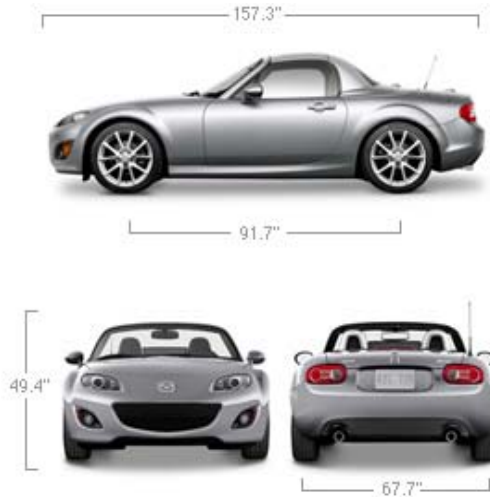
# 2009 MX-5 Miata Power Retractable Hardtop



## Engine & Mechanical

standard option not available

2009 MX-5 Miata Power Retractable Hardtop	Sport	Touring	Grand Touring
MSRP starting at	\$26,140*	\$27,540*	\$28,940*



### MX-5 Miata Power Retractable Hardtop at a Glance:



#### Engine Type

167-hp†, 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

21/28 city/hwy - 6-speed MT or 6-speed AT‡



#### Safety Features

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

2009 MX-5 Miata Power Retractable Hardtop	Sport	Touring	Grand Touring
<b>Engine</b>			
Engine type	2.0L DOHC 16-valve 4-cylinder engine with variable valve timing (VVT)		
Horsepower	167 hp @ 7,000 rpm (MT); 158 hp @ 6,700 rpm (AT)		
Torque	140 lb-ft @ 5,000 rpm		
Redline	7,200 rpm (MT); 6,700 rpm (AT)		
Displacement (cu in / cc)	122 / 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		
Valve train	4 valves per cylinder, variable valve timing (VVT) with timing-chain-driven camshafts		
Engine block	Aluminum alloy		
Cylinder head	Aluminum alloy		
Emission control type	Tier2 - BIN5 (Federal) - LEV-2 ULEV (California)		
Ignition system	Distributorless		
<b>Fuel Economy</b>			
Manual transmission (city/hwy)‡	22/28	21/28	21/28
Automatic transmission (city/hwy)‡	--	21/28	21/28
<b>Drivetrain</b>			
Type	Rear-wheel drive (RWD)		
Manual transmission	5-speed with short-throw shifter	6-speed with short-throw shifter	
Automatic transmission	--	6-speed Sport with Adaptive Shift Logic and steering-wheel-mounted paddle shifters	
Differential	Available torque-sensing super limited-slip (manual transmission only)		
<b>Gear Ratios (:1)</b>			
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>			
Chassis	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	Ventilated discs (11.4 inch diameter)		
Rear	Solid discs (11.0 inch diameter) with aluminum brake calipers		
Parking brake	Mechanical, hand-operated on rear wheels		
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	Independent, double wishbone, coil springs and stabilizer bar		
Rear	Independent, multilink, coil springs and stabilizer bar		
Springs	Available sport-tuned coil springs		
Front strut tower brace	--	Standard	Standard
Shock absorbers	Gas-filled telescopic; 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	
<b>WEIGHTS &amp; CAPACITIES</b>			
Curb weight (lbs)**			
MT	2,562	2,593	2,593
AT	--	2,619	2,619
Weight distribution (front/rear)	51/49		
Fuel capacity (gallons)	12.7		

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## Exterior

**S** standard   **□** option   **--** not available














































































2009 MX-5 Miata Power Retractable Hardtop	Sport	Touring	Grand Touring
<b>Exterior Features</b>			
Halogen headlights with projector-type low beams	<b>S</b>	<b>S</b>	<b>S</b>
Xenon High-Intensity-Discharge (HID) low-beam headlights	--	--	<b>□</b>
Halogen fog lights	<b>S</b>	<b>S</b>	<b>S</b>
Body-color front and rear bumpers	<b>S</b>	<b>S</b>	<b>S</b>
Chrome grille surround	<b>S</b>	<b>S</b>	<b>S</b>
2-speed fixed-intermittent windshield wipers	<b>S</b>	<b>S</b>	<b>S</b>
Dual body-color power remote outside mirrors	<b>S</b>	<b>S</b>	<b>S</b>
Body-color door handles with chrome accents	<b>S</b>	<b>S</b>	<b>S</b>
Body-color Power Retractable Hard Top (PRHT)	<b>S</b>	<b>S</b>	<b>S</b>
Glass rear window with defogger	<b>S</b>	<b>S</b>	<b>S</b>
Rear-fender-mounted antenna	<b>S</b>	<b>S</b>	<b>S</b>
Dual exhaust outlets with chrome tips	<b>S</b>	<b>S</b>	<b>S</b>
<b>Wheels &amp; Tires</b>			
16-inch aluminum alloy wheels	<b>S</b>	--	--
17-inch aluminum alloy wheels	--	<b>S</b>	<b>S</b>
P205/50 R16 high-performance radial tires	<b>S</b>	--	--
P205/45 R17 high-performance radial tires	--	<b>S</b>	<b>S</b>
Tire puncture repair kit (includes compressor, tire sealant, injection hose, spare valve core, valve core tool)	<b>S</b>	<b>S</b>	<b>S</b>
Run-flat tires (does not include tire puncture repair kit)	--	--	<b>□</b>
<b>Exterior Dimensions</b>			
Wheelbase (in)		91.7	
Track, front (in)		58.7	
Track, rear (in)		58.9	
Length, with front license plate holder (in)		157.3	
Width (in)		67.7	
Height (in)		49.4	
Minimum ground clearance, laden (in)		4.6	

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## Interior

 standard  option  not available

2009 MX-5 Miata Power Retractable Hardtop	Sport	Touring	Grand Touring
<b>Comfort &amp; Convenience</b>			
Air conditioning			--
Automatic climate control	--	--	
Rear window defogger			
Power windows with driver and passenger one-touch-down feature			
Power door locks with 2-stage unlocking feature			
Remote keyless entry with retractable key			
Mazda Advanced Keyless Entry & Start System	--	--	
Cruise control with steering-wheel-mounted controls			
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 Features</b>			
Lockable glove box			
Center console storage/cup holder with sliding cover			
Lockable rear storage			
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 - Silver			
Seatback bars - Silver			
<b>Audio System</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, AudioPilot®, AM/FM/in-dash 6-disc CD/MP3-compatible changer and 7 speakers	--	--	
Steering-wheel-mounted audio controls			

Speed-sensitive automatic level control	S	S	--
Bluetooth® hands-free phone and audio capability††	--	--	□
Auxiliary-audio input jack	S	S	S
SIRIUS Satellite Radio‡‡	--	--	□

#### Instrumentation

Speedometer, tachometer, oil pressure, coolant temperature and fuel gauge	S	S	S
Black face, silver trim with white lettering (red illumination)	S	S	S
Trip computer	S	S	S

#### Interior Dimensions & Capacities
























Headroom (in)	37.0
Shoulder room (in)	53.2
Hip room (in)	50.6
Legroom (in)	43.1
Cargo volume (cu ft)	5.3

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## Safety

 standard  option  not available

2009 MX-5 Miata Power Retractable Hardtop	Sport	Touring	Grand Touring
<b>Safety &amp; Security</b>			
Dual front air bags*** with passenger-side deactivation switch			
Side-impact air bags***			
3-point seat belts with pretensioners and force limiters			
Anti-lock Brake System (ABS) with Electronic Brakeforce Distribution (EBD)			
Tire-Pressure Monitoring System (TPMS)			
Dynamic Stability Control (DSC)†††, Traction Control System (TCS)			
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)			
Engine-immobilizer anti-theft system			
Anti-theft alarm system			

# 2009 MX-5 Miata Power Retractable Hardtop



## Options & Packages

S standard  
 □ option  
 -- not available

2009 MX-5 Miata Power Retractable Hardtop	Sport	Touring	Grand Touring
<b>Packages &amp; Options</b>			
<b>Suspension Package</b> <ul style="list-style-type: none"> <li>Sport-tuned suspension</li> <li>Bilstein® shocks</li> <li>Limited-slip differential (manual transmission only)</li> </ul>	--	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>
<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‡‡</li> <li>Dynamic Stability Control (DSC)††† with Traction Control System (TCS)</li> <li>Anti-theft alarm</li> </ul>	--	--	<span style="border: 1px solid black; padding: 0 2px;">□</span>
<b>Run-flat tires</b>	--	--	<span style="border: 1px solid black; padding: 0 2px;">□</span>
<b>Audio</b>			
In-dash 6-disc CD/MP3-compatible changer	<span style="border: 1px solid black; padding: 0 2px;">□</span>	--	--
SIRIUS Satellite Radio with 6 month subscription	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span> †††
<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>	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>
Splash guards front and rear (not available with Appearance Package)	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>
Door edge guards	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>
Chrome fuel filler door	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>
Wheel locks	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>
<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 look)</li> <li>Gear shift knob (leather/aluminum)</li> </ul>	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>
Floor mats - Carpet	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>
Floor mats - All-weather	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>
Cargo net	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>
Anti-theft alarm with shock sensor	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span> †††

\* 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.

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

‡‡ SIRIUS Satellite Radio-compatible audio system requires additional dealer-installed hardware and subscription.

\*\*\* 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.