# **Engine & Mechanical**



**Standard** Package Option Port Installed Option Accessory → Not Available



- 91.7" -



### MAZDA MX-5 MIATA AT A GLANCE



## ENGINE TYPE

167-hp<sup>†</sup>, 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)



#### EPA-ESTIMATED FUEL EFFICIENCY

- \* 22/28 city/hwy 5-speed MT<sup>‡</sup> \* 21/28 city/hwy 6-speed MT<sup>‡</sup> \* 21/28 city/hwy 6-speed AT<sup>‡</sup>



### SAFETY FEATURES

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

2015 Mazda MX-5 Miata	Sport	Club	Grand Touring	
Engine				
Engine type	MZF	MZR 2.0L DOHC 16-valve 4-cylinder engine with VVT		
Horsepower				
- Manual transmission		167 hp @ 7000 rpm		
- Automatic transmission		158 hp @ 6700 rpm		
Torque		140 lb-ft @ 5000 rpm		
Redline				
- 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	Electronica	ally controlled multiport fuel injection with tun	ed air intake	
Recommended fuel		Premium unleaded		
Valvetrain	Chain-driven dual overhe	Chain-driven dual overhead cams, 4 valves per cylinder with variable intake valve timing (VVT)		
Ignition system	Direct coil-o	Direct coil-on-plug electronic ignition with platinum-tipped spark plugs		
Engine block		Aluminum alloy		
Cylinder head		Aluminum alloy		
Crankshaft		Forged steel		
Connecting rods		Forged steel		
Emission control type (Fed/Cal)		Tier2 - BIN5 / ULEV2-B		
EPA-Estimated Fuel Economy				
Manual transmission (city/hwy) <sup>‡</sup>	22/28	2	1/28	
Automatic transmission (city/hwy) <sup>‡</sup>		21/28		
Drivetrain				
Гуре		Rear-wheel drive (RWD)		
Manual transmission	5-speed with short-throw shifter	6-speed close-ratio	with short-throw shifter	
Automatic transmission	6-speed Sport with	6-speed Sport with Adaptive Shift Logic and steering-wheel-mounted paddle shifters		
Differential	Available	torque-sensing limited-slip (manual transmi	ssion only)	
Gear Ratios (:1)	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	
Chassis	'			
Chassis	Backbone fran	ne construction with front and rear suspens	sion subframes	
Brakes		4-wheel disc		
- Front		11.4-inch vented disc		
- Rear	11	.0-inch solid disc with aluminum brake calip	ers	
- ABS	4-wheel, 4-channel	4-wheel, 4-channel with Electronic Brakeforce Distribution (EBD) and Brake Assist		
Steering type		Rack-and-pinion		
Power assist		Hydraulic Power Assist Steering (HPAS)		
Overall steering ratio		15.0:1		
Steering wheel turns, lock-to-lock		2.7		
Turning circle diameter, curb-to-curb (ft)		30.8		
Suspension		4-wheel independent		
- Front	Dou	Double wishbone with forged aluminum control arms		
- Rear	Multi-lii	Multi-link with tubular control arms and aluminum knuckle		
- Stabilizer bar (front)		Hollow		
- Stabilizer bar (rear)		Solid		
- Springs		Available sport-tuned coil springs		
- Front strut tower brace		Standard		
Shock absorbers		Gas-filled, double acting; available Bilstein®		
Wheel size (in)	16 x 6.5	17:	x 7.0	
Tire size and type	P205/50R16 high performance summer tires	P205/45R17 high perf	ormance summer tires	
Weights & Capacities	,			
Curb weight (lbs)				
- Manual transmission	2480	25	511	
- Automatic transmission		2542		
Weight distribution (front/rear)		52/48		
Fuel capacity (gallons)		12.7		





		5 Standard	ed Option 🖪 Accessory — Not Available
2015 Mazda MX-5 Miata	Sport	Club	Grand Touring
Body			
Halogen headlights	5	5	5
Xenon High-Intensity-Discharge (HID) low-beam headlights			P
Black headlight bezel		5	
Chrome headlight bezel			5
Halogen fog lights	5	5	5
Lightweight aluminum-alloy hood and trunklid	5	5	5
Black front air dam and rear diffuser		5	
Variable-intermittent windshield wipers	5	5	5
Black Z-fold cloth soft top	5	5	
Black/Spicy Mocha Z-fold cloth soft top (matched to interior color)			5
Body-colored dual power side mirrors	5		5
Painted black dual power side mirrors		5	
Body-colored door handles	5	5	S
Exclusive Club badges and graphics		5	
Glass rear window with defogger	5	5	S
Rear-fender-mounted antenna	5	5	5
Dual exhaust outlets with chrome tips	5	5	5
Wheels & Tires			
16-inch aluminum-alloy wheels	5		
17-inch gunmetal aluminum-alloy wheels		5	
17-inch silver aluminum-alloy wheels (Split 5-spoke design)			5
P205/50 R16 high-performance radial tires	5		
P205/45 R17 high-performance radial tires		5	5
Exterior Dimensions			
Wheelbase (in)		91.7	
Track, front (in)	58.7		
Track, rear (in)	58.9		
Length (in)	157.3		
Width (in)	67.7		
Height (in)	49.0		
Minimum ground clearance, laden (in)		4.6	





2015 Mazda MX-5 Miata	Sport	Club	Grand Touring
Comfort & Convenience			3.4 44g
Air conditioning	<u>5</u>	5	
Automatic climate control	-		5
Power windows with driver one-touch-down feature	5	<mark>5</mark>	
Passenger window one-touch-down feature		5	5
Power door locks with 2-stage unlocking	††		
Cruise control with steering-wheel-mounted controls	p††	<u></u>	
Bluetooth® hands-free phone capability			<u> </u>
Remote keyless entry with retractable key	p††	s ††	s <sup>††</sup>
Mazda Advanced Keyless Entry & Start System			
Auto-dimming rearview mirror with HomeLink®			5
nterior illumination - dome light, ignition switch and trunk	<u>5</u>	<u>5</u>	
Driver and passenger visor vanity mirrors	<u> </u>	<u>-</u>	<u> </u>
Retractable mesh wind blocker	5	5	<u> </u>
	<b>=</b>	5	5
2-volt power outlet	<u> </u>	<u> </u>	5
Rear window defogger with timer			<u>=</u>
ockable glove compartment	<u>5</u>	S	5
cockable glove compartment	<u> </u>		
Center console storage with cup holder	<u>5</u>	<u>5</u>	5
Oor net pockets with bottle holders	<u> </u>	<mark>=</mark>	
ockable rear storage	<u> </u>	<u> </u>	
Oriver and passenger behind-seat storage - covered	<u> </u>		5
Oriver's seatback storage pocket	<u>=</u>	=	5
Seating & Trim			_
2-passenger seating	5	5	5
-way adjustable driver's seat	5	<u>5</u>	5
-way adjustable passenger seat	5	5	<u>5</u>
leated seats	<u></u>		5
Cloth-trimmed seats	5		
Black cloth-trimmed seats with red stitching		5	-
eather-trimmed seats			<u>5</u>
eather-wrapped steering wheel	5	<u>5</u>	<u>5</u>
eather-wrapped shift knob		5	5
eather-wrapped parking brake handle	<u>-</u>	-	<u>5</u>
Oark gray decoration panel	5		5
Body-colored decoration panel with Club graphics		5	-
Silver seatback bar accents	<b>₽</b> <sup>††</sup>		5
Dark Gray seatback bar accents		5	
Padded center console and door armrests	5	5	5
Carpet floor mats	5	5	5
Audio			
M/FM/CD/MP3 with 6 speakers	5	5	
lose® audio system, AudioPilot®, AM/FM/in-dash 6-disc CD/MP3- ompatible changer and 7 speakers			5
iriusXM Satellite Radio-compatible audio system‡‡	<u>5</u>	5	5
SiriusXM Satellite Radio with 4-month trial subscription	<b>0</b> / <b>A</b>	□ / <b>F</b>	0/A/P
Auxiliary-audio input jack	5	5	5
Steering-wheel-mounted audio controls	P <sup>††</sup>	5	5
nstrumentation			
Speedometer, tachometer, oil pressure, coolant temperature and fuel gauge	5	5	5
Dual trip odometers	5	5	5
rip computer	<b>₽</b> ††	5	5

Headroom (in)	37.4
Shoulder room (in)	53.2
Hip room (in)	50.6
Legroom (in)	43.1
Cargo volume (cu ft)	5.3





	5 Standa	rd Package Option Port Installe	d Option 🖪 Accessory — Not Available
2015 Mazda MX-5 Miata	Sport	Club	Grand Touring
Safety			
Advanced front air bags** with seat belt-use, passenger-weight and driver's seat-position sensors	5	S	S
Side-impact air bags**	5	5	5
3-point seat belts with pretensioners and force limiters	5	S	5
Anti-lock Brake System (ABS) with Electronic Brakeforce Distribution (EBD)	5	5	S
Dynamic Stability Control (DSC)*** and Traction Control System (TCS)	5	5	5
Side-impact door beams	5	5	5
Security			
Engine-immobilizer antitheft system	5	5	5
Anti-theft alarm system		-	P
Keyless remote panic button (on key fob)	P <sup>†††</sup>	5	5
Tire-Pressure Monitoring System (TPMS)	5	5	5
Tire puncture repair kit (includes compressor, tire sealant, injection hose, spare valve core, valve core tool)	5	S	5





	5 Standa	ard 🖪 Package Option 📮 Port Insta	alled Option 🖪 Accessory — Not Availal
2015 Mazda MX-5 Miata	Sport	Club	Grand Touring
Packages & Options			<u>'</u>
Convenience Package  - Remote keyless entry with retractable key  - Global open (one touch power down driver and passenger window) Function included in remote keyless entry  - Cruise control  - Steering-wheel-mounted audio and cruise controls  - Silver seatback bar accents  - Trip computer  - Power door locks	(Std. with AT)	S	5
Premium Package  - Xenon High-Intensity-Discharge (HID) low-beam headlights  - Mazda Advanced Keyless Entry & Start System  - Bluetooth® hands-free phone capability  - Sirius XM Satellite Radio with 4-month trial subscription  - Anti-theft alarm			(w/MT requires Suspension Package)
Appearance Package (not available with splash guards) - Front air dam - Rear underskirt	0	0	0
Suspension Package - Sport-tuned suspension - Bilstein® shock absorbers - Limited-slip differential		5	(Requires Premium Package)
(Available on manual transmissions only)			
Exterior			
Paint protection film	H	Ħ	R
Chrome fuel-filler door	Ħ	A	F
Splash guards front and rear (not available with Appearance Package)	Ħ	<b>□</b>	<b>□</b>
Rear spoiler	H	A	B
Interior			
All-weather floor mats	□ / 🖪	□ / <b>ਜ</b>	□ / 🖪
Cargo net (not available with Premium Package)	□ / 🖪	□ / 🖪	□ / 🖪
Alarm system with shock sensor (not available with Premium Package)	0/A/P	0/A/P	0/F/P
Audio			
n-dash 6-disc CD/MP3-compatible changer	H	A	5
SiriusXM Satellite Radio with 4-month trial subscription (not available with Premium Package)	Ħ	П	П

# Warranty



Every new Mazda comes with a comprehensive limited warranty that provides coverage in the unlikely event a repair is needed in the first years after your vehicle's purchase. We'll be right there with you all the time, wherever you go by providing warranty coverage and roadside assistance so that the total enjoyment of driving a Mazda never stops.

#### 2015 Mazda Vehicles: Mazda Limited Warranty Coverage:

3-year/36,000-mile*	"Bumper-to-Bumper" Limited Warranty
5-year/60,000-mile*	Limited Powertrain Warranty
3-year/36,000-mile*	24/7 Roadside Assistance Program

<sup>\*</sup>Whichever comes first.

#### **BUMPER-TO-BUMPER LIMITED WARRANTY**

Mazda warrants that new Mazda cars and trucks will be free of defects with normal use and prescribed maintenance for 36 months or 36,000 miles, whichever comes first. Ordinary maintenance items or adjustments, parts subject to normal wear and replacement and certain other items are excluded. This transferable "limited warranty" is included on all new Mazda vehicles sold and serviced in the United States.

### **POWERTRAIN LIMITED WARRANTY**

Mazda warrants that the <u>Powertrain Components</u> of new Mazda cars and trucks will be free of defects with normal use and prescribed maintenance for 60 months or 60,000 miles, whichever comes first. Ordinary maintenance items or adjustments, parts subject to normal wear and replacement and certain other items are excluded. This "limited warranty" is transferable during the warranty period on all new Mazda vehicles sold and serviced in the United States.

#### 24/7 ROADSIDE ASSISTANCE

If Mazda vehicle is not driveable due to a warranted part failure during the coverage period of the New Vehicle Limited Warranty (36 months/36,000 miles), towing service will be covered to the nearest Mazda Dealer. In addition, if a Mazda vehicle is not driveable due to the failure of a warranted powertrain component, then towing service will be covered during the coverage period of the Powertrain Limited Warranty (60 months/60,000 miles).

Call 1-800-866-1998



Or download the free Mazda Assist mobile app to your iPhone®\*.

\* iPhone is a registered trademark of Apple Computer, Inc.

## PROLONG YOUR PEACE OF MIND



The Mazda Extended Confidence service plan helps keep your Mazda in peak driving condition after your New-Vehicle Limited Warranty expires.





- $\dagger$  158 hp 6-speed Sport automatic transmission.
- ‡ EPA-estimated mileage. Actual results will vary.
- \*\* Always wear your seat belt and ensure that the passenger air bag deactivation light is illuminated when using a child- or infant-restraint system. Please see your owner's manual for details.
- †† Requires Convenience Package on MX-5 Sport with 5-speed manual transmission. Standard on MX-5 Sport with 6-speed Sport automatic transmission.
- ‡‡ SiriusXM Satellite Radio-compatible audio system requires additional dealer-installed hardware and subscription.
- \*\*\* Dynamic Stability Control (DSC) is an electronic system designed 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 your owner's manual for further details.