



Mazda MX-5

Vehicle Specifications.



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Mechanical Features and Technical Data.

Engines:

- In-line 4-cylinder DOHC 16-valve engine with 1597 cc developing 110 ps (81 kW) at 6500 rpm and 134 Nm at 5000 rpm or with 1839 cc developing 146 ps (107 kW) at 7000 rpm and 168 Nm at 5000 rpm.
- 3-way catalytic converter with feedback loop.
- Electronic fuel injection.
- Electromagnetic fuel pump.
- Oil filter: Cartridge.
- Ignition system: Distributorless.
- Alternator 12-80 V-A.
- Starter 1.0 kW.
- Battery 12-32 V-AH.

Powertrain:

- 5-speed manual transmission for 1.6i and 1.8i models.
- 6-speed manual transmission for 1.8i Sport model only.
- Rear wheel drive.
- Clutch type: Single dry plate.

Body:

- Self-supporting rigid and torsion-resistant all-steel body with defined crumple zones for the front and rear sections.
- Side door beams.
- 2 Seats.

Engine	1.6i	1.8i	1.8i Sport
Displacement (cc)	1597	1839	1839
Number of valves	16	16	16
Bore x stroke (mm)	78.0 x 83.6	83.0 x 85.0	83.0 x 85.0
Maximum output [ps (kW) / rpm]	110 (81) / 6500	146 (107) / 7000	146 (107) / 7000
Maximum torque (Nm / rpm)	134 / 5000	168 / 5000	168 / 5000
Compression ratio	9.4:1	10.0:1	10.0:1

Transmission	1.6i	1.8i	1.8i Sport
Gear ratio:			
1st	3.136	3.136	3.760
2nd	1.888	1.888	2.269
3rd	1.330	1.330	1.645
4th	1.000	1.000	1.257
5th	0.814	0.814	1.000
6th	–	–	0.843
Rev.	3.758	3.758	3.564
Final gear ratio	4.100	4.100	3.636

Performance and Economy

Acceleration (0-62 mph in sec)	9.7	8.5	8.4
Top speed (mph)	119	127	129
Fuel consumption ¹⁾			
– urban	27.7 (10.2)	24.8 (11.4)	23.7 (11.9)
[mpg (l/100km)]			
– extra urban	44.1 (6.4)	39.8 (7.1)	39.2 (7.2)
– combined	36.2 (7.8)	32.5 (8.7)	31.7 (8.9)
CO ₂ emission ¹⁾ (g/km)	188	210	215
Euro emission level	Euro Stage III	Euro Stage III	Euro Stage III
Fuel type (minimum)	Unleaded regular (min 95 RON)		

¹⁾ Fuel consumption value according to 80/1268 EWG (1999/100/EC).

Technical Data and Equipment.

Dimensions and Weights	1.6i	1.8i	1.8i Sport
Tyre size	185 / 60 R14 82V	185 / 60 R14 82V	205 / 45 R16 83W
Wheel size	14 x 5.5JJ	14 x 5.5JJ	16 x 6.5JJ
Permitted gross vehicle weight (kg)	1250	1305	1315
Cargo volume, acc. to VDA (l)	144	144	144
Max kerb weight (without driver) (kg)	1086	1149	1149
Fuel tank capacity (l)	50	50	50
Engine oil capacity (l)	3.6	4.0	4.0

¹⁾ Fuel consumption value according to 80/1268 EWG (1999/100/EC)

Safety and Security	1.6i	1.8i	1.8i Sport
Anti-lock Braking System (ABS) with Electronic Brake-force Distribution (EBD)	●	●	●
Four-wheel disc brakes (Front: Ventilated, Rear: Solid)	●	●	●
Suspension strut tower bar	–	–	●
Limited slip differential	–	–	●
Driver and front passenger airbags	●	●	●
Passenger airbag deactivation system	●	●	●
Seat belts: 3 point with pre-tensioners and load limiters	●	●	●
ISOFIX child seat anchorages (passenger side)	●	●	●
Immobiliser system	●	●	●
Central door locking with deadlocking	●	●	●
Remote door locking with boot release	–	–	●

Exterior	1.6i	1.8i	1.8i Sport
14" steel wheels	●	●	–
15" alloy wheels (only available with premium soft cloth top)	○	○	–
16" alloy wheels	–	–	●
Sport suspension (Bilstein dampers)	–	–	●
Rear mud flaps	–	–	●
Bumper, front and rear: Body colour	●	●	●
Door outer handles: Body colour	●	●	●
Front fog lamps	–	–	●
Windscreen glass: Front HPR laminated, green	●	●	●
Vinyl soft top with integrated heated glass window and soft top cover	●	●	–
Premium cloth soft top with integrated heated glass window and soft top cover (only available with 15" alloy wheels)	○	○	●
Detachable hard top with integrated heated glass window, body coloured	○	○	○
Windblocker	–	●	●
Electric heated door mirrors	●	●	●
Scuff plates:	●	●	–
Plastic	–	–	●
Stainless steel	–	–	●

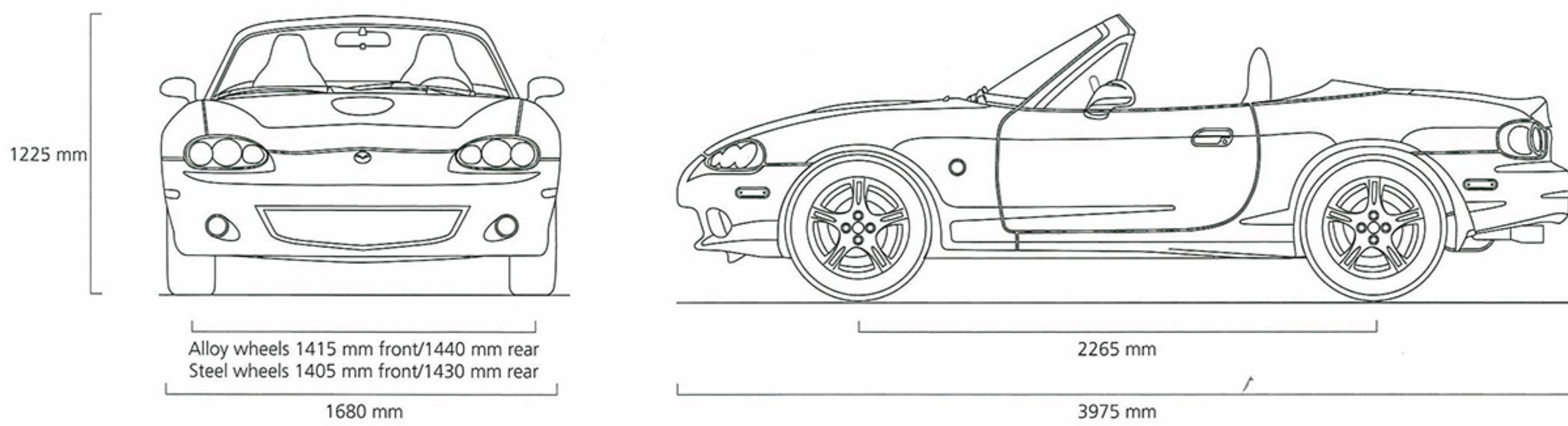
● = standard; ○ = option, at extra cost; – = not available.

Equipment.

Comfort and Convenience	1.6i	1.8i	1.8i Sport
Central door locking with deadlocking	●	●	●
Remote door locking with boot release	–	–	●
Power steering: Engine speed sensing type	●	●	●
Electric windows	●	●	●
One touch auto down (driver's side only)	●	●	●
Boot lid opener	●	●	●
Fuel lid opener	●	●	●
Foot rest (driver side)	●	●	●

Interior	1.6i	1.8i	1.8i Sport
Sport seats and integral headrest:	●	●	–
Leather, black with seat warmer	–	–	●
Steering wheel:	–	–	●
Leather wrapped, black	●	●	–
PVC	●	●	–
Shift knob:	–	–	●
Leather wrapped, black	●	●	–
PVC	●	●	–
Chromed inner door handles	●	●	●
Instrumentation:	●	●	●
Engine oil-pressure gauge	●	●	●
Water temperature gauge	●	●	●
White meter background with red illumination	●	●	●
Silver coloured meter rings for speedometer and tachometer	●	●	●
Headlights on reminder (sound warning)	●	●	●
Audio:	●	●	●
AM / FM radio (modular type)	●	●	–
Cassette player	●	●	–
Single CD player	–	–	●
Satellite navigation system with cassette and single CD	–	–	○
Digital clock combined with audio unit	●	●	●
Two door speakers	●	●	●
Two speakers integrated in windblocker	–	●	●
Two door tweeters	●	●	●
Electric antenna	●	●	●
Interior light located on windscreen headrail	●	●	●
Inner mirror (day / night)	●	●	●
Console (with cup holders, ash tray, cigarette lighter)	●	●	●
Lockable glovebox	●	●	●
Storage space:	●	●	●
Seat back pocket (passenger side)	●	●	●
Rear console box with lid (lockable)	●	●	●
Door pockets	●	●	●
Wiper, two speed with intermittent wipe	●	●	●

● = standard; ○ = option, at extra cost; – = not available; *not available for 1.6i with detachable hard top.



Colours and Seat Trims.

Environment Colour	1.6i	1.8i	1.8i Sport
Trim	Black Cloth	Black Cloth	Black Leather
Solid Body Colours			
Brilliant Black (A3F)	●	●	●
Eternal Red (A3E)	●	●	●

Metallic and Mica Body Colours*

Racing Green Mica (18J)	●	●	●
Titanium Grey Metallic (29Y)	–	–	●
Strato Blue Mica (25E)	●	●	●
Sunlight Silver Metallic (22V)	●	●	●
Radiant Ebony Mica (28W)	●	●	●

● = standard; – = not available; *Metallic/Mica paint is an option at extra cost.



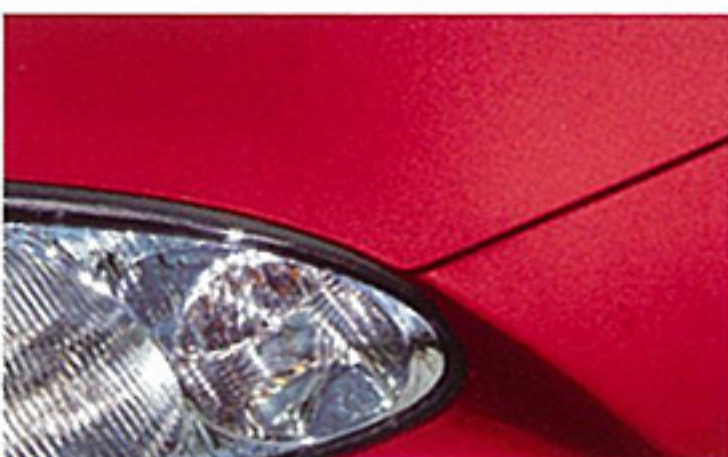
Black Cloth.



Black Leather (standard on 1.8i Sport model only).



Brilliant Black (A3F).



Eternal Red (A3E).



Racing Green Mica (18J).



Titanium Grey Metallic (29Y) (only available on 1.8i Sport model).



Strato Blue Mica (25E).



Sunlight Silver Metallic (22V).



Radiant Ebony Mica (28W).

The Mazda Warranties.



Warranty Plus – 3 Year Cover.

Every Mazda is designed and built to the highest standards of performance, comfort and reliability. For your further reassurance Mazda also provides a full three-year/60,000-mile¹ warranty cover including Mazda European Assistance and a twelve-year anti-perforation warranty.

¹ There is no mileage limit during the first year of the warranty.

Mazda Momentum – New Vehicle Extended Warranty.

At any time during the manufacturer's warranty period you may purchase a Mazda Momentum extended warranty package.

Three options are available. Your Mazda dealer will be pleased to provide you with details.

Accessories.

There is a full range of Mazda genuine accessories for each Mazda model. For more information, contact your Mazda dealer.

Mazda Credit.

Mazda Credit* provides a comprehensive range of finance plans include:

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Mazda Hire Purchase - A simple, straight and traditional funding plan.

Mazda Business Partner - A range of finance solutions for business customers.

Mazda Insurance.

Mazda Insurance offers a range of motor-related insurance products to protect you and your car. For total motoring peace of mind, please ask your Mazda dealer for details.

Tax Free – Personal Export, Diplomatic and Military Sales.

Significant savings are available for those who qualify, with schemes tailored to suit individual needs. For further information, contact your Mazda dealer or contact Mazda Tax Free Sales on 01932 335132.

Motability.

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Your Mazda dealer:

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