



Mazda3

Vehicle specifications



ZOOM-ZOOM

Mechanical Features and Model Availability.

Engines:

- 1.4 MZR Petrol**
- 1349cc in-line 4-cylinder, 16-valve, DOHC, front-mounted, developing 84ps (62kW) at 6000rpm and 122Nm at 4000rpm.
 - CO₂ emissions of 169g/km (EC Stage IV).
 - Powertrain Control Module (PCM).
 - Sequential electronic multi-point fuel injection.
 - Sequential Valve Timing System (SV-T).
- 1.6 MZR Petrol**
- 1598cc in-line 4-cylinder, 16-valve, DOHC, front-mounted, developing 105ps (77kW) at 6000rpm and 145Nm at 4000rpm.
 - CO₂ emissions of 172g/km (5-speed manual, hatchback and saloon), 191g/km (Activematic hatchback) and 186g/km (Activematic saloon) (EC Stage IV).
 - Powertrain Control Module (PCM).
 - Sequential electronic multi-point fuel injection.
 - Sequential Valve Timing System (SV-T).
 - Variable Induction System.
- 2.0 MZR Petrol**
- 1999cc in-line 4-cylinder, 16-valve, DOHC, front-mounted, developing 150ps (110kW) at 6000rpm and 187Nm at 4500rpm.
 - CO₂ emissions of 196g/km (EC Stage IV).
 - Powertrain Control Module (PCM).
 - Sequential electronic multi-point fuel injection.
 - Variable Induction System.
- 1.6 MZ-CD Diesel**
- 1560cc in-line 4-cylinder, 16-valve, DOHC, front-mounted, developing 109ps (80kW) at 4000rpm and 240Nm at 1750rpm.
 - CO₂ emissions of 135g/km (EC Stage IV).
 - Powertrain Control Module (PCM).
 - Common-rail fuel injection.
 - Diesel Particulate Filter.

Transmissions:

- 5-speed manual – Giving precise, positive shift feel to provide a feeling of unity between driver and vehicle.
- 4-speed Activematic (optional on 1.6 MZR) – Choice between automatic or manual shifting.

Body:

- Self-supporting rigid and torsion-resistant all-steel body with defined crumple zones for the front and rear sections, stable passenger safety cell with side impact reinforcement in the doors.
- Mazda Advanced Impact Distribution and Absorption System designed to secure the critical interior space in the event of an accident.
- Supplementary Restraint System (SRS) comprising central control unit and crush sensors, seatbelt pre-tensioners, load-limiters and driver and front passenger airbags.

Chassis and Suspension:

- Front: Independent suspension with MacPherson struts, 4-point rubber mounting system and liquid-filled bushings.
- Rear: E-type multi-link suspension with angled dampers and low-mounted springs to maximise load compartment space.

Brake System:

- Hydraulic, diagonally divided dual-circuit system with power brake unit.
- Anti-lock Braking System (ABS) with Electronic Brake-force Distribution (EBD) and Emergency Brake Assistance (EBA).
- Front: 278mm (300mm on 2.0 MZR) ventilated disc brakes.
- Rear: 265mm (280mm on 2.0 MZR) disc brakes.

Model Availability	1.4 MZR	1.6 MZR	1.6 MZR Activematic	2.0 MZR	1.6 MZ-CD
Hatchback					
S	●	●	–	–	●
TS	●	●	–	–	●
TS AT	–	–	●	–	–
TS ²	–	●	–	●	●
Sport	–	–	–	●	–
Saloon					
TS	–	●	–	–	●
TS AT	–	–	●	–	–
TS ²	–	●	–	●	●
Sport	–	–	–	●	–

● = Standard
– = Not available

Technical Data.

Engine Type	1.4 MZR	1.6 MZR	1.6 MZR Activematic	2.0 MZR	1.6 MZ-CD
Displacement (cc)	1349	1598	1598	1999	1560
Bore x stroke (mm)	74.0 x 78.4	78.0 x 83.6	78.0 x 83.6	87.5 x 83.1	75.0 x 88.3
Valves per cylinder	4	4	4	4	4
Maximum output [ps (kW) / rpm]	84 (62) / 6000	105 (77) / 6000	105 (77) / 6000	150 (110) / 6000	109 (80) / 4000
Maximum torque (Nm / rpm)	122 / 4000	145 / 4000	145 / 4000	187 / 4500	240 / 1750
Compression ratio	10.0:1	10.0:1	10.0:1	10.8:1	18.0:1

Transmission

Type	Manual	Manual	Automatic	Manual	Manual
Gear ratios:					
1st	3.416	3.416	2.816	3.666	3.666
2nd	1.842	1.842	1.497	2.059	2.047
3rd	1.290	1.290	1.000	1.392	1.344
4th	0.972	0.972	0.725	0.970	0.921
5th	0.820	0.820	–	0.795	0.704
Reverse	3.214	3.214	2.648	3.166	3.727
Final gear ratio	4.388	4.388	4.416	4.388	3.411

Steering

Steering gear	Power-assisted rack and pinion				
Minimum turning circle (kerb-to-kerb) (m)	10.3	10.3	10.3	10.3	10.3

Performance and Economy

Hatchback

Acceleration [0-62mph (0-100km/h) in sec]	14.3	11.0	12.4	9.0	11.5
Top speed [mph (km/h)]	106 (169)	114 (182)	109 (174)	125 (200)	113 (182)
Fuel consumption ¹⁾ [mpg (l/100km)]:					
Urban	31.7 (8.9)	30.4 (9.3)	28.0 (10.1)	24.6 (11.5)	45.6 (6.2)
Extra Urban	46.3 (6.1)	47.1 (6.0)	41.5 (6.8)	44.8 (6.3)	65.7 (4.3)
Combined	39.8 (7.1)	39.2 (7.2)	35.3 (8.0)	34.5 (8.2)	56.5 (5.0)
CO ₂ emissions ¹⁾ (g/km)	169	172	191	196	135
EC emission level	EC Stage IV	EC Stage IV	EC Stage IV	EC Stage IV	EC Stage IV
Recommended fuel	Unleaded 95 RON			Diesel	
Fuel tank capacity (litres)	55	55	55	55	55

Saloon

Acceleration [0-62mph (0-100km/h) in sec]		11.0	12.4	9.0	11.3
Top speed [mph (km/h)]		116 (185)	111 (177)	130 (208)	116 (185)
Fuel consumption ¹⁾ [mpg (l/100km)]:					
Urban		30.4 (9.3)	27.7 (10.2)	24.6 (11.5)	45.6 (6.2)
Extra Urban		47.1 (6.0)	44.1 (6.4)	44.8 (6.3)	65.7 (4.3)
Combined		39.2 (7.2)	36.2 (7.8)	34.5 (8.2)	56.5 (5.0)
CO ₂ emissions ¹⁾ (g/km)		172	186	196	135
EC emission level		EC Stage IV	EC Stage IV	EC Stage IV	EC Stage IV
Recommended fuel		Unleaded 95 RON		Diesel	
Fuel tank capacity (litres)		55	55	55	55

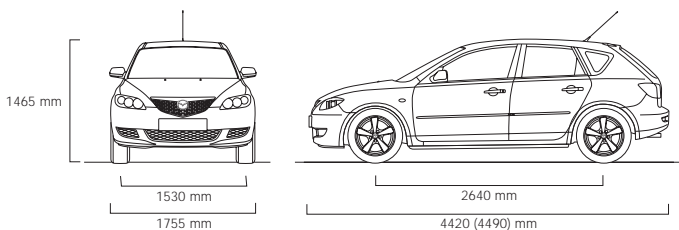
¹⁾ Fuel consumption and CO₂ emissions values according to 80/1268 EWG (1999/100/EC).

Technical Data.

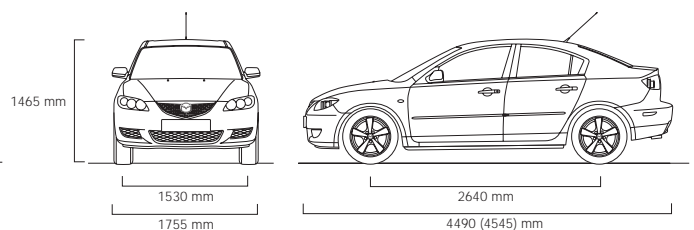
Dimensions and Weights	1.4 MZR	1.6 MZR	1.6 MZR Activematic	2.0 MZR	1.6 MZ-CD
Hatchback					
Overall length / width / height (mm)	4420 / 1755 / 1465	4420 / 1755 / 1465	4420 / 1755 / 1465	4420 / 1755 / 1465 (4490 / 1755 / 1465)	4420 / 1755 / 1465
Ground clearance between the axles – unladen (mm)	160	160	160	160	160
Front track / Rear track (mm)	1530 / 1515	1530 / 1515	1530 / 1515	1530 / 1515	1530 / 1515
Wheelbase (mm)	2640	2640	2640	2640	2640
Front headroom / leg room / shoulder room (mm)	994 / 1065 / 1394	994 / 1065 / 1394	994 / 1065 / 1394	994 / 1065 / 1394	994 / 1065 / 1394
Rear headroom / leg room / shoulder room (mm)	976 / 922 / 1371	976 / 922 / 1371	976 / 922 / 1371	976 / 922 / 1371	976 / 922 / 1371
Cargo volume, acc. to VDA (l):	5-seat mode (to belt line)	300	300	300	300
	2-seat mode	635	635	635	635
Brake discs: Ventilated front disc diameter (mm)	278	278	278	300	278
Rear disc diameter (mm)	265	265	265	280	265
Kerb weight (kg) min. / max. incl. driver (75kg)	1180 / 1237	1260 / 1320	1285 / 1345	1310 / 1369	1275 / 1331
Permitted gross vehicle weight (kg)	1695	1695	1720	1745	1785
Permitted axle load, front / rear (kg)	885 / 840	885 / 890	915 / 885	935 / 890	945 / 840
Towing limit (kg):	Unbraked	550	550	550	600
	Braked (12% gradient)	900	1200	1200	1300
Maximum roof load (kg)	75	75	75	75	75

Saloon					
Overall length / width / height (mm)		4490 / 1755 / 1465	4490 / 1755 / 1465	4490 / 1755 / 1465 (4545 / 1755 / 1465)	4490 / 1755 / 1465
Ground clearance between the axles – unladen (mm)		160	160	160	160
Front track / Rear track (mm)		1530 / 1515	1530 / 1515	1530 / 1515	1530 / 1515
Wheelbase (mm)		2640	2640	2640	2640
Front headroom / leg room / shoulder room (mm)		994 / 1065 / 1394	994 / 1065 / 1394	994 / 1065 / 1394	994 / 1065 / 1394
Rear headroom / leg room / shoulder room (mm)		951 / 922 / 1371	951 / 922 / 1371	951 / 922 / 1371	951 / 922 / 1371
Cargo volume, acc. to VDA (l) – 5-seat mode (to belt line)		413	413	413	413
Ventilated front disc diameter (mm)		278	278	300	278
Rear disc diameter (mm)		265	265	280	265
Kerb weight (kg) min. / max. incl. driver (75kg)		1240 / 1298	1265 / 1323	1290 / 1346	1260 / 1313
Permitted gross vehicle weight (kg)		1675	1700	1725	1770
Permitted axle load, front / rear (kg)		885 / 865	915 / 860	930 / 870	945 / 825
Towing limit (kg):	Unbraked	550	550	550	600
	Braked (12% gradient)	1200	1200	1300	1300
Maximum roof load (kg)		75	75	75	75

Hatchback



Saloon



(Figures in brackets relate to Sport model with Sports Appearance Package.)

Equipment.

Safety and Security		S	TS	TS ²	Sport
Mazda Advanced Impact Distribution and Absorption System (MAIDAS) engineered 'triple H' body structure to help protect occupants from impact forces		●	●	●	●
Supplementary Restraint System (SRS) – Central control unit and crush sensors, front seatbelt pre-tensioners, load-limiters and dual front airbags		●	●	●	●
Anti-lock Braking System (ABS) with Electronic Brake-force Distribution (EBD)		●	●	●	●
Emergency Brake Assist (EBA)		●	●	●	●
Dynamic Stability Control (DSC)		–	–	●	●
Traction Control System (TCS)		–	–	●	●
Power steering:	Engine rev sensing	●	●	●	–
	Electric, speed sensing	–	–	–	●
High-mounted stop light		●	●	●	●
Wipers:	Front, 3-speed with intermittent wipe and electric wash	●	●	●	–
	Front, automatic with rain sensor	–	–	–	●
	Rear, with intermittent (hatchback only)	●	●	●	●
Headlights:	Halogen	●	●	●	–
	Xenon	–	–	–	●
	Light sensor (auto lights on)	–	–	–	●
Headlight cleaning (high-pressure water)		–	–	–	●
Headlight levelling:	Manual	●	●	●	–
	Automatic	–	–	–	●
Driver and front passenger airbags		●	●	●	●
Side airbags (front)		●	●	●	●
Curtain airbags (front and rear)		○	●	●	●
Seatbelt reminder (driver seat)		●	●	●	●
Seatbelts:	Front, 3-point with pre-tensioner and load-limiters	●	●	●	●
	Rear, 3-point x 3	●	●	●	●
Intrusion minimising collapsible safety brake pedals		●	●	●	●
Collapsible steering column		●	●	●	●
ISOFIX child seat anchorage		●	●	●	●
Central door locking		●	●	●	●
Remote keyless entry system (with 'jack-knife' type retractable key)		●	●	●	●
Deadlocking		●	●	●	●
Immobiliser system		●	●	●	●
Thatcham Cat.1 alarm		●	●	●	●
Exterior					
Tyres and wheels:	195/65 R15 steel wheels with wheelcovers (standard on 1.4 S)	●	–	–	–
	195/65 R15 alloy wheels	●*	●	–	–
	205/55 R16 alloy wheels	–	–	●	–
	205/50 R17 alloy wheels	–	–	–	●
Body-coloured – Bumper, front and rear		●	●	●	●
Bodyside mouldings:	Black	●	–	–	–
	Body-coloured	–	●	●	●
Door handles:	Black	●	–	–	–
	Body-coloured	–	●	●	●
Rear heated glass window		●	●	●	●
Roof aerial		●	●	●	●
Front fog lamps		–	–	–	●
Rear fog lamps		●	●	●	●
Door mirrors:	Electrically adjustable and heated, black housings, driver's wide angle	●	–	–	–
	Electrically adjustable and heated, body colour housings, driver's wide angle	–	●	●	●
Electric tilt and slide sunroof (optional on hatchback only)		–	○**	○	○
Sports Appearance Package with sports grille, sports front and rear bumpers, side skirts, rear spoiler (hatchback: roof spoiler; saloon: lip spoiler), sports front fog lamps). All body parts are body-coloured		–	–	–	●
Mica / Metallic paint		○	○	○	○

● = Standard

○ = Option

– = Not available

* Standard on 1.6 S only (petrol)

** Not available on 1.4 TS petrol models or 1.6 TS diesel models

Equipment.

Interior Features		S	TS	TS ²	Sport
Seats and integral head restraint:	Driver's, dial reclining and height adjustment	●	●	●	●
	Driver's, lumbar adjustment	-	●	●	●
Rear seats:	60/40 fold down	●	●	●	●
	Centre armrest	-	●	●	●
Steering wheel:	Leather-covered	-	-	●	●
	Tilt adjustment	●	●	●	●
Shift knob:	Leather-covered	-	-	●	●
Grab handle, front passenger's and two rear with coat hooks		●	●	●	●
Audio:	AM/FM modular radio, four speakers	●	●	●	-
	Steering wheel-mounted remote audio controls	-	●	●	●
	Single CD	●	●	-	-
	6-disc CD autochanger	-	-	●	-
	Bose® premium audio system with radio, 6-disc CD autochanger, six speakers, Richbass woofer and digital amplifier with five channels of customised equalisation	-	-	-	●
	DVD Satellite Navigation system	-	-	○	○
Air conditioning:	Manual	○	●	-	-
	Automatic climate control	-	-	●	●
Leather seats		-	-	-	○
Meter set:	Tachometer	●	●	●	●
	Fuel gauge	●	●	●	●
	Water temperature gauge	●	●	●	●
	Trip computer	-	-	●	●
Auto electric power windows:	Front	●	●	●	●
	Rear	-	-	●	●
Digital clock		●	●	●	●
Cigar lighter		●	●	●	●
Panel light control with dimmer		●	●	●	●
Headlight on reminder (sound warning)		●	●	●	●
Front centre console with storage box; hinged storage tray and lid; two lidded cup holders		●	●	●	●
Further storage spaces: Glovebox, lockable with illumination	Seat-back pocket (passenger side)	●	●	●	●
	Door pockets (four)	●	●	●	●
	Front ashtray, illuminated	●	●	●	●
Interior light, with map reading lights		-	●	●	●
Luggage compartment light		●	●	●	●
Pollen filter		●	●	●	●
Sunvisors:	Driver's with covered vanity mirror and ticket holder	●	●	●	●
	Passenger's with vanity mirror	●	●	●	●

● = Standard
○ = Option
- = Not available

Colours and Seat Trims.

Model	S	TS and TS ²		Sport		
Seat trim colour	Grey / Light Grey BP4	Black and Blue BP5	Black and Red BP6	Black and Blue BP7	Black and Red BP8	Leather* BP9

Solid Body Colour

Arctic White (A4D)	●	-	●	-	●	●
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Mica and Metallic Body Colours*

Velocity Red Mica (27A)	-	-	●	-	●	●
Winning Blue Metallic (27B)	●	●	-	●	-	●
Nordic Green Mica (27C)	-	●	-	●	-	●
Titanium Grey II Mica (29Y)	●	●	-	●	-	●
Sunlight Silver Metallic (22V)	●	●	-	●	-	●
Black Mica (16W)	-	-	●	-	●	●

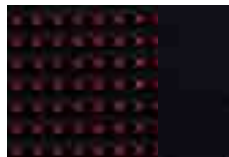
*Option at extra cost.



Grey / Light Grey in Medium Flint



Black and Blue in Medium Flint



Black and Red in Medium Flint



Black and Blue in Ebony



Black and Red in Ebony



Leather in Black



Arctic White (A4D)



Velocity Red Mica (27A)



Winning Blue Metallic (27B)



Nordic Green Mica (27C)



Titanium Grey II Mica (29Y)



Sunlight Silver Metallic (22V)



Black Mica (16W)



Mazda Products and Services.

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 3-year / 60,000-mile¹ warranty cover including Mazda European Assistance and a 12-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 which include:

Mazda MultiOption – A flexible and cost-effective method of funding a Mazda.

Mazda Hire Purchase – A simple, straightforward and traditional funding plan.

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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.

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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.

For all Motability enquiries, please contact Mazda on 08457 48 48 48.

Your Mazda dealer:

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*Finance subject to status. Guarantees / Indemnities may be required.

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