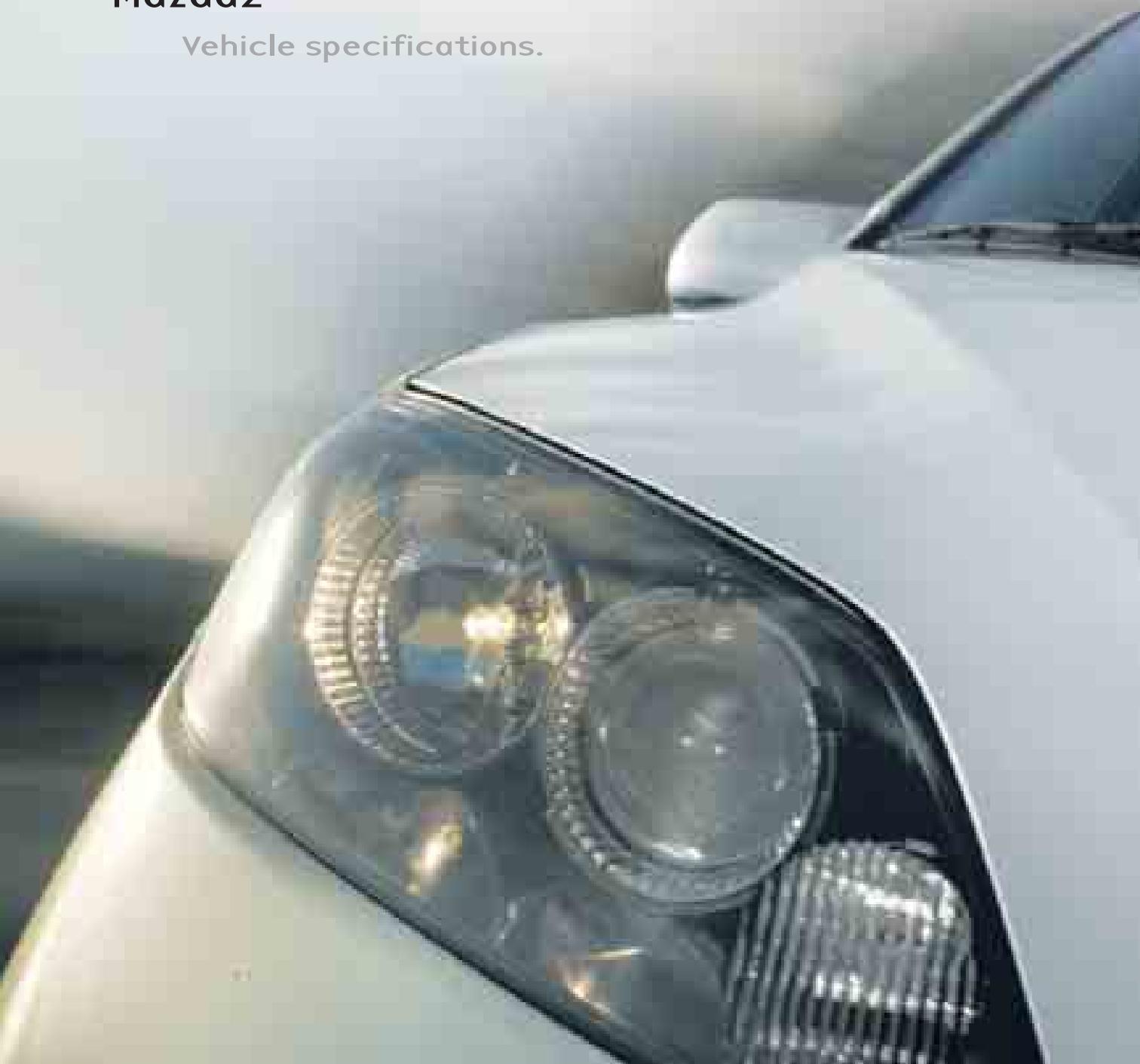




## Mazda2

Vehicle specifications.



*zoom-zoom*

# Mechanical Features and Model Availability

## Engines:

- 1.25 MZI Petrol**
- 1242cc in-line 4-cylinder, 16-valve, DOHC, developing 75ps (55kW) at 6000 rpm and 110Nm at 4000rpm.
  - CO<sub>2</sub> emissions of 150g/km (Euro Stage IV).
  - Powertrain Control Module (PCM).
  - Sequential electronic multi-point fuel injection.
  - Battery – 43Ah or 52Ah.
  - Alternator – 70A.
- 1.4 MZI Petrol**
- 1388cc in-line 4-cylinder, 16-valve, DOHC, developing 80ps (59kW) at 5700rpm and 124Nm at 3500rpm.
  - CO<sub>2</sub> emissions of 157g/km (152g/km for Auto Shift Manual model) (Euro Stage IV).
  - Powertrain Control Module (PCM).
  - Sequential electronic multi-point fuel injection.
  - Battery – 43Ah.
  - Alternator – 70A.
- 1.6 MZI Petrol**
- 1596cc in-line 4-cylinder, 16-valve, DOHC, developing 100ps (74kW) at 6000rpm and 146Nm at 4000rpm.
  - CO<sub>2</sub> emissions of 159g/km (Euro Stage IV).
  - Powertrain Control Module (PCM).
  - Sequential electronic multi-point fuel injection.
  - Battery – 43Ah.
  - Alternator – 70A.
- 1.4 MZ-CD Common-rail Diesel**
- 1399cc in-line 4-cylinder, 8-valve, SOHC, developing 68ps (50kW) at 4000rpm and 160Nm at 2000rpm.
  - CO<sub>2</sub> emissions of 124g/km (Euro Stage IV).
  - High-pressure, drive-by-wire, common-rail fuel injection.
  - Turbocharger.
  - Powertrain Control Module (PCM).
  - Battery – 60Ah.
  - Alternator – 80A.

## Transmissions:

- 5-speed manual – Giving precise, positive shift feel, increasing driver enjoyment and comfort.
- Auto Shift Manual – Offering a choice between auto mode, where the gears take care of themselves, or clutchless manual gearshift, where the driver chooses when to change up or down by flicking the gear lever forward or backwards.

## Body:

- Mazda Advanced Impact Distribution and Absorption System (MAIDAS) designed to secure the critical interior space in the event of an accident.
- Self-supporting rigid and torsion-resistant all-steel body with defined crumple zones for the front and rear section and 'Triple H' structure to ensure a stable passenger safety cell, including side impact reinforcement in the doors.
- Supplementary Restraint System (SRS) comprising a central control unit that coordinates impact sensors, driver and front passenger airbags, seatbelt pre-tensioners and load-limiters.
- Euro NCAP crash test rating of four stars (out of a maximum five stars).

## Chassis and Suspension:

- Front: Independent suspension with MacPherson struts, lower A-arms, torsion bar.
- Rear: Twist-beam suspension with coil springs, trailing arms.

## Brake System:

- Hydraulic, diagonally-divided dual-circuit system with power brake unit and braking force reducer acting on rear wheels.
- Anti-lock Braking System (ABS) with Electronic Brake-force Distribution (EBD) and Emergency Brake Assist (EBA) – standard on all models.
- Front: 258mm ventilated disc brakes.
- Rear: 203mm drum brakes.
- Mechanical parking brake acting on rear wheels.

## Model Availability

	S	Antares	Capella
1.25 MZI 5-speed manual	●	–	–
1.4 MZI 5-speed manual	–	●	●
1.4 MZI Auto Shift Manual	●	–	●
1.6 MZI 5-speed manual	–	–	●
1.4 MZ-CD 5-speed manual	●	●	●

● = Available,  
– = Not available.

# Technical Data

Engine Type	1.25 MZI	1.4 MZI	1.4 MZI Auto Shift Manual	1.6 MZI	1.4 MZ-CD
Displacement (cc)	1242	1388	1388	1596	1399
Bore x stroke (mm)	71.9 x 76.5	76.0 x 76.5	76.0 x 76.5	79.0 x 81.4	73.7 x 82.0
Valves per cylinder	4	4	4	4	2
Maximum output [ps (kW) / rpm]	75 (55) / 6000	80 (59) / 5700	80 (59) / 5700	100 (74) / 6000	68 (50) / 4000
Maximum torque (Nm / rpm)	110 / 4000	124 / 3500	124 / 3500	146 / 4000	160 / 2000
Compression ratio	10.0:1	11.0:1	11.0:1	11.0:1	18.0:1

## Transmission

Type	Manual	Manual	Auto Shift Manual	Manual	Manual
Gear ratios:					
1st	3.583	3.583	3.154	3.154	3.583
2nd	1.926	1.926	1.926	1.926	1.926
3rd	1.281	1.281	1.281	1.281	1.281
4th	0.951	0.951	0.951	0.951	0.951
5th	0.756	0.756	0.756	0.756	0.756
Reverse	3.615	3.615	3.615	3.615	3.615
Final gear ratio	4.250	4.059	4.250	4.250	3.368

## Steering

Steering gear	Power-assisted rack and pinion				
Minimum turning circle (wall to wall) (m)	9.8				

## Performance and Economy

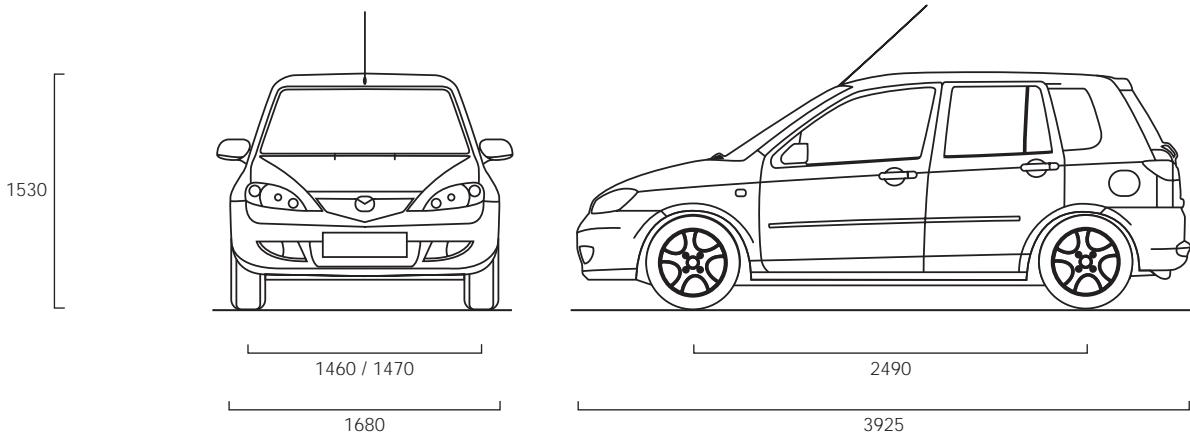
Acceleration [0-62mph (0-100km/h) in sec]	15.1	13.9	15.0	11.4	15.0
Top speed [mph (km/h)]	101 (163)	102 (164)	102 (164)	112 (181)	99 (160)
Fuel consumption <sup>1)</sup> [mpg (l/100km)]:					
Urban	32.8 (8.6)	32.5 (8.7)	33.6 (8.4)	31.0 (9.1)	47.9 (5.9)
Extra Urban	56.5 (5.0)	52.3 (5.4)	53.3 (5.3)	52.3 (5.4)	68.9 (4.1)
Combined	44.8 (6.3)	42.8 (6.6)	44.1 (6.4)	42.2 (6.7)	60.1 (4.7)
CO <sub>2</sub> emissions <sup>1)</sup> (g/km)	150	157	152	159	124
Euro emissions standard	Euro Stage IV	Euro Stage IV	Euro Stage IV	Euro Stage IV	Euro Stage IV
Recommended fuel	Unleaded 95 RON			Diesel	
Fuel tank capacity (litres)	45	45	45	45	45

<sup>1)</sup>Fuel consumption and CO<sub>2</sub> emissions values according to 1999/100/EC.

# Technical Data

## Dimensions and Weights

	1.25 MZI	1.4 MZI	1.4 MZI Auto Shift Manual	1.6 MZI	1.4 MZ-CD	
Overall length (mm)	3925	3925	3925	3925	3925	
Overall width (mm)	1680	1680	1680	1680	1680	
Overall height (mm)	1530	1530	1530	1530	1530	
Ground clearance between the axles – unladen (mm)	145	145	145	145	145	
Front track / Rear track (mm):	175/65 R14 tyres 195/45 R16 tyres (Capella only)	1470 / 1445	1470 / 1445	1470 / 1445	–	1470 / 1445
Wheelbase (mm)	2490	2490	2490	2490	2490	
Load volume, acc. to VDA (!):	5-seat mode (to belt line)	268	268	268	268	
	2-seat mode (to belt line)	542	542	542	542	
	2-seat mode (to roof)	1044	1044	1044	1044	
Brakes (mm):	Ventilated front disc diameter	258	258	258	258	
	Rear drum diameter	203	203	203	203	
Kerb weight (kg) max. / min. incl.driver (75kg)	1171 / 1125	1172 / 1125	1176 / 1130	1175 / 1145	1207 / 1155	
Permitted axle load, front / rear (kg)	770 / 790	770 / 790	775 / 790	775 / 790	815 / 785	
Permitted gross vehicle weight (kg)	1510	1510	1515	1515	1550	
Towing limit (kg):	Unbraked	500	500	500	500	
	Braked (12% gradient)	600	900	500	900	
Maximum roof load (kg)	50	50	50	50	50	



# Equipment

Safety and Security	S	Antares	Capella
Mazda Advanced Impact Distribution and Absorption System (MAIDAS) with 'Triple H' body structure to help protect occupants from impact forces	●	●	●
Supplementary Restraint System (SRS) comprising a central control unit that coordinates impact sensors, front airbags, seatbelt pre-tensioners and load-limiters	●	●	●
Driver and front passenger airbags	●	●	●
Anti-lock Braking System (ABS) with Electronic Brake-force Distribution (EBD)	●	●	●
Emergency Brake Assist (EBA)	●	●	●
Seatbelts: Front, 3-point with pre-tensioners and load-limiters, height-adjustable	●	●	●
Rear, 3-point x 3	●	●	●
Rear head restraints x 3, height-adjustable	●	●	●
Halogen complex reflector headlights with manual headlight levelling	●	●	●
High-mounted stop light	●	●	●
Remote central door locking with deadlocking (with 'jack-knife' type retractable key)	●	●	●
Perimeter alarm	●	●	●
Immobiliser system	●	●	●
Security locking wheel nuts	-	-	●

## Exterior

Tyres and wheels:	175/5 R14 tyres on 14x5.5" steel wheels with full wheelcovers	●	●	-
	195/45 R16 tyres on 16x6" alloy wheels with security locking wheel nuts	-	-	●
	Steel spare wheel with temporary tyre rating	●	●	●
Front grille with chrome upper	●	●	●	
Body colour bumpers and bodyside mouldings	●	●	●	
Door handles:	Black	●	-	-
	Body colour	-	●	●
Door mirrors:	Manual adjustment, black housings	●	-	-
	Manual adjustment, body colour housings	-	●	-
	Electric adjustment and heated, body colour housings	-	-	●
Heated rear window	●	●	●	
Wipers:	Front, multi-speed intermittent wipers and electric wash	●	●	●
	Rear, multi-speed intermittent wiper and electric wash	●	●	●
Metallic / Mica paint	○	○	○	

● = Standard,  
○ = Option, at extra cost,  
- = Not available

# Equipment

Interior Features		S	Antares	Capella
Power steering, engine speed sensing		●	●	●
Air conditioning		○ <sup>1</sup>	●	●
Windows:	Electric front windows with driver's one-touch operation	-	●	●
	Electric rear windows	-	-	●
Audio:	Stereo radio / CD, two speakers	●	-	-
	Stereo radio / CD, four speakers	-	●	-
	Stereo radio / CD, six speakers	-	-	●
	Steering wheel audio controls	●	●	●
Steering wheel height adjustment		●	●	●
Front seat, driver:	Height-adjustable with height-adjustable head restraint and seat-back storage pocket	●	●	●
Front seat, passenger	Height-adjustable head restraint	●	●	●
	Flat-folding	-	●	●
Rear seats:	Flat-folding with 60:40 split backrest and seat base	●	●	●
	Three height-adjustable head restraints	●	●	●
Seat trim:	Cloth, Khaki	●	-	-
	Cloth, Black	-	●	●
Storage:	Floor-mounted centre console with cup holders	●	●	●
	Dashboard centre storage tray with flip-up lid	●	●	●
	Driver's side lower panel tray and outer coin holder	●	●	●
	Passenger's side lidded glovebox and multi-purpose storage box	●	●	●
	Front and rear door storage pockets	●	●	●
Interior lights:	Header-mounted courtesy light	●	●	●
Sunvisors:	Driver's, with covered vanity mirror and ticket holder	●	●	●
	Front passenger's, with covered vanity mirror	●	●	●
Retractable luggage area cover		●	●	●
Front passenger and rear seat grab handles		●	●	●
Headlights-on sound warning		●	●	●

● = Standard,

○ = Option, at extra cost,

- = Not available.

<sup>1</sup> Air conditioning option on S models not available with Auto Shift Manual transmission.

# Colours and Seat Trims

Model	S	Antares	Capella
Seat trim colour	Khaki	Black	Black
<b>Solid Body Colours</b>			
Spanish Red	●	–	–
Deep Navy	–	●	●
<b>Mica and Metallic Body Colours*</b>			
Deep Torino Red Metallic	●	–	–
Moonlight Silver Metallic	●	●	●
Black Metallic	●	●	●
Sea Grey Mica	●	●	●
Tonic Metallic	●	●	●
Breeze Green Metallic	●	●	●
Neptune Green Mica	●	●	●

\*Option, at extra cost.



Khaki



Black



Spanish Red



Deep Navy



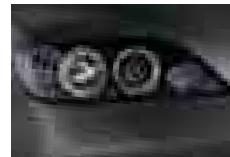
Deep Torino Red Metallic



Moonlight Silver Metallic



Black Metallic



Sea Grey Mica



Tonic Metallic



Breeze Green Metallic



Neptune Green Mica



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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 mile<sup>1</sup> warranty cover, including Mazda European Assistance, 3-year paintwork warranty and a 12-year anti-perforation warranty.

<sup>1</sup>There is no mileage limit during the first year of the warranty.

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