

Mazda CX-7



mazda



# *THE DEFINITION OF INNOVATION*

It's rare, but from time to time you discover something...different. Where convention has been broken, the rules have been twisted and 'New' has been created. For example take a powerful and dynamic sports car as a starting point; add size, presence and intelligent 4-wheel drive. The result? The new diesel Mazda CX-7.



# *A FRESH PERSPECTIVE*

Purposeful and perfectly balanced. New Mazda CX-7 will take you to places not yet travelled. From the commanding seating position, behind the steeply raked windscreen and leather-wrapped steering wheel. Powered by a responsive 2.2-litre turbo diesel engine delivering 173ps and a heart pounding 400Nm of torque, your world becomes a whole new experience.



## *AN OPEN ROAD CALLS*

City street or sweeping country road, new Mazda CX-7 effortlessly smoothes the miles away. Tuned specifically for UK roads to provide not just exhilarating performance, but sports car inspired handling and poise. The Mazda CX-7 doesn't suffer the compromise of body roll and numb steering found in many SUVs, meaning you can push on with confidence, just like a sports car.

Power flows through a sporting close-ratio 6-speed manual gearbox, delivered to the road through Mazda's advanced active torque 4-Wheel-Drive System, offering controlled 'take-off' under acceleration, enhanced stability on the road and improved traction in adverse conditions.



## *MAKING THE CONNECTION*

Deep inside, beyond the head-turning style and luxurious elevated interior, lies an advanced technological heart. Active Torque Split 4-Wheel Drive achieves a fine balance between a sporty, responsive drive and stability on wet, snowy or other similarly challenging surfaces.

Powerfully optimised control and handling wherever, whenever and however you need it.



### **4-wheel drive system**

The onboard computer automatically determines the best mode depending on driving style and conditions. From normal front-wheel drive, up to 50% of power is transferred to the rear wheels under hard acceleration, while on slippery surfaces, power is sent to the wheels that have the most traction to optimise control.

### **Staying in control**

The new Mazda CX-7's Dynamic Stability Control (DSC) and Electronic Traction Control systems optimise roadholding on slippery surfaces and tight bends.

### **Stopping power**

Large ventilated front and rear disc brakes are combined with a Four-Wheel Anti-lock Braking System (4W-ABS) with Electronic Brake-force Distribution (EBD) to provide optimum stopping power.

## *A NEW POINT OF VIEW*

In command. From the enveloping sports seats, finished in Stone or Black leather, to the sunken 'red on black' dials, new Mazda CX-7 is true to its sports car DNA. Intuitively positioned controls combined with leather-wrapped steering wheel, gearshift and handbrake, plus heart-stirring audio from the premium 6-CD audio system, custom-designed by Bose® for the Mazda CX-7, make this the place you want to be.



## *A SEPARATE REALITY*

Beauty is more than skin deep. So everything you see, feel and hear in the new Mazda CX-7 is meticulously designed and built to satisfy the most exacting standards. Whether fortunate enough to take the driving seat or simply share the space alongside, your enjoyment of the journey is assured.





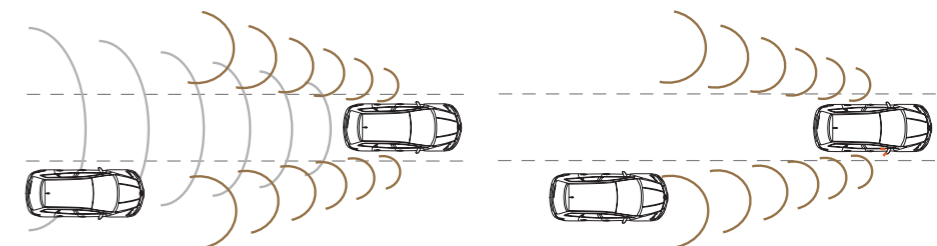
## A DIFFERENT WORLD

Inside, as well as out, new Mazda CX-7 is both refined and sophisticated. Rain-sensing wipers and xenon headlights switch on automatically as rain or light levels fall. Eye catching 19" alloy wheels, stylish chrome detailing, privacy glass and a sporty roof spoiler underline the Mazda CX-7's sports credentials.



### MZR-CD 2.2 Diesel

This advanced engine meets stringent Euro Stage V emissions standards with no loss of performance. This is due to a Selective Catalytic Reduction (SCR) system that converts nitrogen oxides in the exhaust into harmless nitrogen and water.



### Rear Vehicle Monitoring (RVM)

RVM warns you of a vehicle approaching from behind at a speed that would make it unsafe for you to change lanes, by activating a warning light in the wing mirror on the relevant side of the vehicle. If you were to switch on your indicator, the system alerts you with a flashing light and audible alarm.

RVM also incorporates Blind Spot Monitoring (BSM). This alerts you if another vehicle moves into your blind spot, ensuring you do not accidentally pullout when it is unsafe to do so. RVM is equally effective day or night and is not affected by adverse weather.



## *LUXURY AS STANDARD*

Available with one high specification, your choice is made even simpler. An impressive list of standard features includes luxurious power adjustable leather seats, satellite navigation with integrated reversing camera and voice-activated Bluetooth®, in addition to advanced safety features such as Rear Vehicle Monitoring and hazard warning lights that flash automatically when the ABS sensors detect emergency braking, so following drivers get ample warning when you need to stop in a hurry.





## MAKE IT YOURS

You should make the most of your new Mazda CX-7. So we've created a range of purpose-designed accessories – like the boot storage system and detachable tow bar – that can help boost its versatility.



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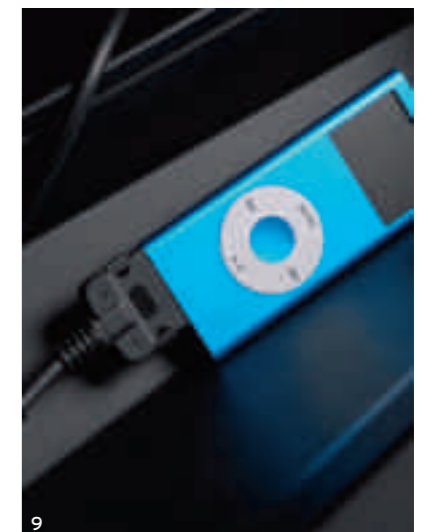
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Stainless steel scuff plates (main image)

1. 19" alloy wheels
2. Front under garnish
3. Rear under garnish
4. Front parking sensor
5. Mudflaps with chrome moulding

6. Detachable tow bar
7. Boot room organiser
8. Premium carpet floor mat
9. iPod connector

**Mazda Financial Services\***

Mazda Financial Services has developed finance packages to provide you with choice and flexibility when buying your new Mazda. Time and convenience are also important to many customers, which is why Mazda Financial Services may be worth a closer look when buying your new Mazda.

**Why Mazda Financial Services?**

- Face-to-face service in the Mazda dealership
- In-showroom application process
- Fixed interest rates for the duration of your loan

To find out more about the benefits of Mazda Financial Services, speak to your Mazda dealer today.

\*Finance subject to status. Terms and conditions apply. Applicants must be 18 or over. Guarantees / Indemnities may be required. Mazda Financial Services, 3 Princess Way, Redhill, Surrey, RH1 1SR.

**Mazda Contract Hire\*\***

Mazda Contract Hire is designed to offer our business customers with finance and maintenance packages that deliver a completely stress-free driving experience. Whether your business is looking to run one vehicle or a large fleet of vehicles, we will tailor a package to meet your needs.

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## MECHANICAL FEATURES AND TECHNICAL DATA

### Engine:

- 2.2 MZR-CD Diesel
  - 2184cc in-line 4-cylinder, 16-valve, DOHC, front-mounted, developing 173ps (127kW) at 3500rpm and 400Nm at 2000rpm.
  - CO<sub>2</sub> emissions of 199g/km (EC Stage V).
  - Powertrain Control Module (PCM).
  - Battery – 80Ah.
  - Alternator – 12V-100A.
  - Diesel Particulate Filter.

### Active Torque Control Coupling 4WD System:

- By monitoring the difference in speed between front and rear axles, the available 4-wheel drive system automatically detects when the front wheels start to lose grip. The system then continuously redistributes up to 50% of torque to the rear wheels, thereby ensuring optimal traction.

### Transmission:

- 6-speed manual.

### Body:

- Self-supporting rigid and torsion-resistant all-steel body with defined crush 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 crash sensors, seatbelt pretensioners, load-limiters and airbag system.

### Chassis and Suspension:

- Front: Independent suspension with MacPherson struts and 6-point rubber mounting system.
- Rear: Multi-link suspension with monotube 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: 320mm ventilated disc brakes.
- Rear: 302mm ventilated disc brakes.

Engine Type	2.2 MZR-CD Diesel
Displacement (cc)	2184
Bore x stroke (mm)	86.0 x 94.0
Valves per cylinder	4
Maximum output [ps (kW) / rpm]	173 (127) / 3500
Maximum torque (Nm / rpm)	400 / 2000
Compression ratio	16.3

## TECHNICAL DATA

Transmission		2.2 MZR-CD Diesel
Type		6-speed manual
Drive system		4WD
Gear ratios:	1st	3.818
	2nd	2.045
	3rd	1.290
	4th	0.926
	5th	0.853
	6th	0.711
	Reverse	4.139
Final gear ratio:	1st-4th	4.187
	5th, 6th and reverse	3.526

### Steering

Steering gear	Electric hydraulic
Minimum turning circle (wall-to-wall) (m)	6.1

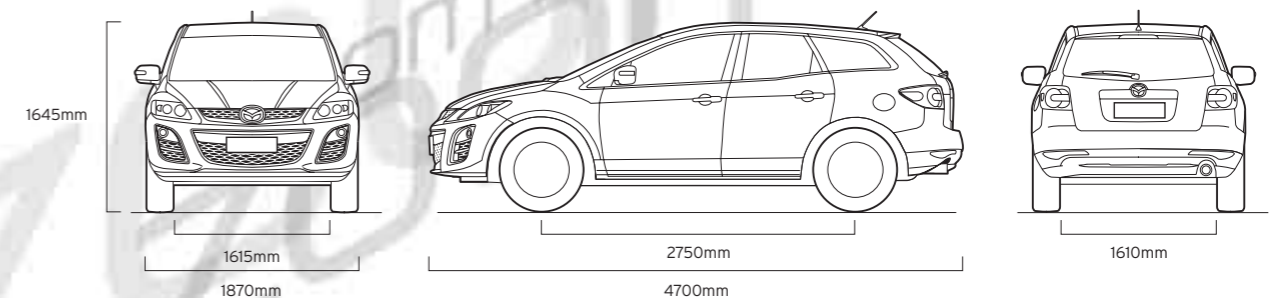
### Performance and Economy

Acceleration (0-62mph in sec)	11.3	
Top speed (mph)	124	
Fuel consumption <sup>1)</sup> [mpg (l/100km)]:	Urban	31.0 (9.1)
	Extra Urban	42.8 (6.6)
	Combined	37.7 (7.5)
CO <sub>2</sub> emissions <sup>1)</sup> (g/km)	199	
EC emission level	Euro Stage V	
Recommended fuel	Diesel	
Fuel tank capacity (litres)	69	

### Dimensions and Weights

Overall length / width / height (mm)	4700 / 1870 / 1645	
Ground clearance (mm) between the axles – unladen	207	
Front track / Rear track (mm)	1615 / 1610	
Wheelbase (mm)	2750	
Front headroom / leg room / shoulder room (mm)	1009 / 1059 / 1472	
Rear headroom / leg room / shoulder room (mm)	998 / 925 / 1417	
Cargo volume, acc. to VDA (l):	5-seat mode	455
	2-seat mode	774
Ventilated front disc diameter (mm)	320	
Ventilated rear disc diameter (mm)	302	
Kerb weight (kg) incl. driver (75kg)	1865	
Permitted gross vehicle weight (kg):	Total	2430
	Front / rear	1280 / 1150
Permitted axle load, front / rear (kg)	1304 / 1227	
Towing limit (kg):	Unbraked	750
	Braked (12% gradient)	1800
Maximum roof load (kg)	100	

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



## EQUIPMENT

Safety and Security		Mazda CX-7
Mazda Advanced Impact Distribution and Absorption System engineered 'triple H' body structure to help protect occupants from impact forces	●	
Supplementary Restraint System (SRS) – Central control unit and crash sensors, front seatbelt pre-tensioners, load-limiters and airbag system	●	
Four-Wheel Anti-lock Braking System (4W-ABS) with Electronic Brake-force Distribution (EBD) and Emergency Brake Assistance (EBA)	●	
Dynamic Stability Control (DSC) with Traction Control System (TCS)	●	
Rear Vehicle Monitoring system (RVM):	Radar-based system which provides assistance whilst changing lanes and combines a blind spot monitoring system. Effective at speeds above 40mph	●
Emergency Stop Signal system (ESS):	Automatic activation of flashing hazard lights when emergency braking is applied	●
Active Torque Split 4-Wheel Drive System	●	
Dual front airbags	●	
Front side airbags	●	
Front and rear curtain airbags	●	
Driver and passenger seatbelt reminder system with audible 'unbuckle' warning	●	
Seatbelts:	Front, 3-point (ELR) x 2 with pre-tensioners	●
	Rear, 3-point (ELR)	●
ISOFIX child seat anchorage; attached to outer rear seats	●	
Thatcham Category 1 alarm and immobiliser	●	

### Additional Safety and Security Options

Passenger airbag cut-off switch		
Baby and child seats:	Baby Safe Plus (up to 13kg)	Please contact your dealer for further information and availability.
	ISOFIX Duo Plus (9-18kg)	
	Lord Plus (9-18kg)	
	Kid Plus (15-36kg)	
	Child seat pillow for ISOFIX Duo Plus	
	Child seat pillow for Lord Plus	

### Exterior

Tyres and wheels:	235/55 R19 with 7.5JJ 19" 5x2-spoke alloy wheels	●
Temporary size spare wheel		●
Metallic / Mica paint		○
Bumpers, front and rear:	Body colour	●
Lower grille:	Chrome finish	●
Lower door mouldings:	Chrome finish	●
Rear roof spoiler:	Body colour	●
Door handles:	Chrome finish	●
Tailgate handle:	Body colour with chrome finish insert	●
Privacy glass for rear windows		●
Wipers:	Front automatic rain-sensing	●
	Rear, adjustable speed with intermittent wipe	●
Headlights:	Xenon, with automatic headlight levelling and cleaning	●
Automatic dusk-sensing lights		●
Front fog lights		●
Rear fog lights		●
Rear brake light, high-mounted		●
Door mirrors:	Power-operated and heated, foldable, body colour housings, turning signal lights, driver's wide angle	●

● = Standard; ○ = Optional.

## EQUIPMENT

Additional Exterior Options		Mazda CX-7
Tyres and wheels:	225/40 R19 with 8.0JJ 19" 5x3-spoke alloy wheels	
Rear bumper step protector:		
Underbody garnish	Front	
	Rear	
Mudflaps:	Front	
	Front with chrome moulding	
	Rear	
Parking Distance Sensors:	Front	
Roof carrier system:	Roof carrier, base	
	Attachment for skis / snowboards	
	Attachment for bicycles	
	Small roof box	
	Large roof box	
Tow bar:	Detachable	
	Attachment for bicycles	
	Tow bar harness (available in 7-pin and 13-pin)	

Please contact your dealer for further information and availability.

### Comfort and Convenience

Remote central locking with deadlocking (with jack-knife type retractable key)		●
Power steering:	Electric hydraulic	●
Cruise control:	Steering wheel-operated	●
Electric windows:	Front and rear, with one-touch auto down and up	●
Air conditioning:	Climate control	●
Sunvisors:	Driver's with covered vanity mirror, illumination and ticket holder	●
	Passenger's with covered vanity mirror and illumination	●

### Interior Features

Seats and integral head restraint:	Driver's and passenger's power adjustment	●
	Driver's seat memory function	●
	Driver's lumbar adjustment	●
	Heated front seats	●
	Leather trim*	●
Rear seats:	60 / 40 'Karakuri' fold-flat seat system	●
	Centre armrest with two cup holders	●
Steering wheel:	Leather-wrapped	●
	Tilt and height adjustment	●
Shift knob:	Leather-wrapped with silver finish insert	●
Door inner handles:	Front and rear, bright	●
Centre panel surround:	Piano Black finish	●
Scuff plates:	Front and rear standard scuff plates	●
Hand brake:	Leather-covered	●
Grab handles:	Front passenger's and two rear with coat hooks	●
Audio systems:	AM/FM modular radio and premium Bose® Centerpoint® surround sound system (includes nine speakers with approximately 240 watts of amplification and a Centerpoint® surround sound system) and 6-CD changer	●
	Steering wheel-mounted remote audio controls	●
	Auxiliary jack and power outlet (located in centre console)	●
Satellite navigation system:	4.1" full-colour display	●
Rear-view parking camera		●
Integrated Bluetooth® system**		●

● = Standard.

\* Leather refers to centre facing and side supports.

\*\* Please refer to [www.mazdahandsfree.com](http://www.mazdahandsfree.com) for phone compatibility.

## EQUIPMENT

### Interior Features

		Mazda CX-7
Meter set:	Multi Information Display (MID) including trip computer, digital tachometer, fuel gauge, and water and exterior temperature gauges	●
	Tyre pressure monitoring system	●
	Blackout-finish dials	●
Digital clock		●
Panel light control with dimmer		●
Audible headlight on reminder		●
Front centre console with storage box		●
Further storage spaces:	Glovebox	●
	Seatback pocket (passenger side)	●
	Door pockets (front doors only)	●
Dome interior courtesy light, with integral spotlight		●
Luggage compartment:	Light	●
	Storage box	●
	Tonneau cover	●
Rear heater ducts		●
Pollen filter		●

### Additional Interior Options

Scuff plates:	Stainless steel, with 'CX-7' logo, front and rear	Please contact your dealer for further information and availability.
	Stainless steel, illuminated, with 'CX-7' logo, front and rear	
Audio systems:	iPod connector	
Front and rear floor mats:	Carpet floor mat, 'Premium', black, with 'CX-7' logo	
Accessory power socket		
Luggage compartment:	Boot liner	
	Boot mat with rear bumper protector	
	Boot net	
	Boot room organiser	
Dog guard		
Safety kit		

● = Standard.

## COLOURS AND SEAT TRIMS

### Model

Trim	Black leather	Stone leather
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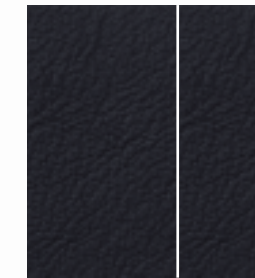
### Solid Body Colours

Brilliant Black	■	■
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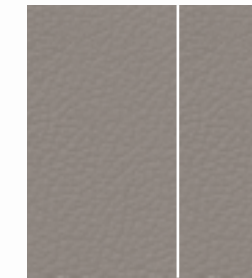
### Mica and Metallic Body Colours

Aluminium Silver Metallic	■	■
Copper Red Mica	■	■
Galaxy Grey Mica	■	■
Stormy Blue Mica	■	■

■ = Available.



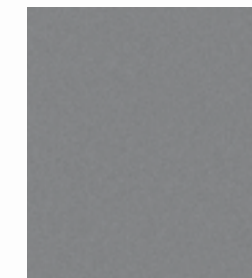
Black leather



Stone leather



Brilliant Black



Aluminium Silver Metallic



Copper Red Mica



Galaxy Grey Mica



Stormy Blue Mica

### 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' mile 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.

### 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.

### Mazda Financial Services\*

Mazda Financial Services offers a variety of finance and payment protection schemes to suit the needs of both private and business customers. With our wide range of plans and services, no-one is more committed to delivering complete motoring confidence and total peace of mind than Mazda and Mazda Financial Services.

### Mazda Contract Hire\*\*

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### Digital Service Record

The Mazda Digital Service Record (DSR) system provides increased security against counterfeit service documents and odometer tampering, and makes it easy to keep the service history up to date. Stored on a central database, the DSR replaces the traditional paper service book and ensures a secure, accurate and permanent service history for the life of the vehicle.

### Your Mazda dealer:

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