



# 2009 CX-7

## SPECIFICATIONS & FEATURES DECK

### **PRODUCTION TIMING:**

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Job #1: May 2008

### **LINE-UP:**

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GS  
GT

### **CONTENTS:**

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### **Page(s)**

Key Changes	2
Colour and Trim Guide	3
Model Line-up, Packages & Options	4
Specifications	5-6
Equipment & Features	7-8
Equipment Walk	9

**\* Information contained herein is subject to change without notice.**

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Date of issue: April 14, 2008

## Key changes for 2009 Mazda CX-7

### 2009 CX-7 GS

- Power 8-way adjustable driver's seat with manual lumbar support
- Heated front seats
- Auxiliary audio input
- CD player with MP3 capability
- Rubber center console tray
- Illuminated vanity mirrors
- Passenger side seatback pocket
- Silver finish on front console and glove compartment leavers
- Lockable glove box

### 2009 CX-7 GT

- 2WD GT model will no longer be available
- Turn signal indicators on exterior door mirrors
- Auto-dimming rear-view mirror with HomeLink®
- Silver finish on fog lamp bezels
- High gloss finish alloy wheels

## Revised Packages

### Luxury package

- 6-disc in dash CD changer
- Premium BOSE audio system with 9 speakers
- AudioPilot noise compensation system
- Centerpoint surround sound system
- Intelligent Key System (keyless entry and start)
- Sirius satellite radio (**NEW**)
- Bluetooth® Hands-Free Phone System (**NEW**)

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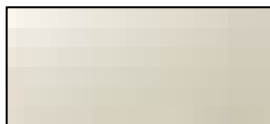
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2

# Colour guide for 2009 Mazda CX-7

## Exterior:



Platinum Silver Metallic (22R)



Black Cherry Mica (28W)



Liquid Platinum Metallic (30S)



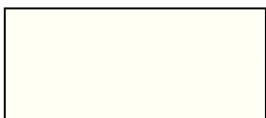
Galaxy Grey Mica (32S)



Copper Red Mica (32V)



Electric Blue Mica (34J)



Crystal White Pearl (34K)

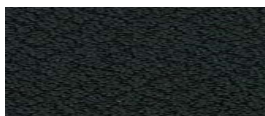


Brilliant Black (A3F)

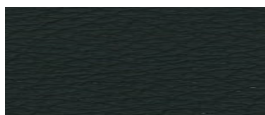
## Interior:

### Seating and trim

Cloth



Leather



### Disclaimer

*This colour guide has been added to facilitate the ordering process. Although we have made every effort to match the colour and fabric, we cannot guarantee the images above are their exact equivalent.*

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**2009 Mazda CX-7 Colour & Trim:**

Exterior Colour	Code	Interior	
		GS (Cloth)	GT (Leather)
Platinum Silver Metallic	22R	Black (ED8)	Black (ED4)
Black Cherry Mica	28W	Sand (ED9)	Sand (ED5)
Liquid Platinum Metallic	30S	Black (ED8)	Black (ED4)
Galaxy Grey Mica	32S	Black (ED8)	Black (ED4)
Copper Red Mica	32V	Black (ED8)	Sand (ED5)
Electric Blue Mica	34J	Black (ED8)	Black (ED4)
Crystal White Pearl	34K	Sand (ED9)	Sand (ED5)
Brilliant Black	A3F	Black (ED8)	Black (ED4)

**2009 Mazda CX-7 Model Line-up:**

Trim	Drive	Model Description	Model Code	Option Code
<b>GS</b>	2WD	6AT	PVSJ89	AA00
	2WD	6AT Moonroof	PVSJ89	AB00
	AWD	6AT	PXSJ89	AA00
	AWD	6AT Moonroof	PXSJ89	AB00
<b>GT</b>	AWD	6AT	PXTJ89	AA00
	AWD	6AT Luxury package	PXTJ89	AB00
	AWD	6AT Luxury package, NAV system	PXTJ89	AC00

**2009 Mazda CX-7 Options:**

Option	GS	GT
Moonroof	O	S
Active torque split All-Wheel drive system	O	S
Luxury package	--	O
Navigation system with touch screen & rear-view camera	--	O

**2009 Mazda CX-7 Luxury Package:**

- 6-disc in dash CD changer
- Premium BOSE audio system with 9 speakers
- Centerpoint surround sound system
- AudioPilot noise compensation system
- Intelligent Key System (keyless entry and start)
- Bluetooth® Hands-Free Phone System (**NEW**)
- Sirius satellite radio (**NEW**)

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4

## 2009 Mazda CX-7 Specifications

### Engine

Type	<b><u>MZR 2.3 DISI Turbo</u></b>
Valve gear	2.3L In-line 4-cylinder
Displacement	DOHC 16-valve
Bore and stroke	2,260
Compression ratio	87.5 x 94.0 mm
Horsepower SAE net	9.5: 1
Torque, SAE net lb-ft	244 @ 5000 RPM
Redline	258 @ 2500 RPM
Fuel system	6700 rpm
Recommended fuel	Direct Injection
	Premium (91 octane)/Regular*

\*Premium or regular fuel may be utilized for the 2009 Mazda CX-7, however for optimal engine performance premium fuel is recommended.

### Drivetrain

Type	Front-wheel drive
	All-wheel drive (optional)
4WD system	Active torque split
Transmission	6-speed <b>Sport</b> mode AT w/ overdrive
Transmission	<b><u>6AT Sport</u></b>
Gear ratios: 1st	4.148
2nd	2.370
3rd	1.555
4th	1.154
5th	0.859
6th	0.685
Reverse	3.393
Final drive	3.749

### Electrical System

Type	12 Volt
Battery	80D26L
Alternator	12 Volt - 110 amp
Starter	1.4kW
Ignition system	Full transistor breakerless electronic

### Chassis

Frame	Monocoque with triple "H" construction
Front suspension	Independent, strut type, coil springs, stabilizer bar
Rear suspension	Independent, Multi-Link Type, Coil Springs, Stabilizer Bar
Shock absorbers	Telescopic-type, double acting
Steering	Rack & pinion type with engine-rpm-sensing variable power assist
Steering ratio	15.8 : 1
Steering wheel turns	2.9 (lock to lock)
Min. turning circle	11.4m (curb to curb)
Brakes	Power-assisted 4-wheel disc brakes
	Anti-lock Braking System w/ Electronic Brake Force Distribution (EBD)
	296mm ventilated front discs
	302mm ventilated rear discs

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## 2009 Mazda CX-7 Specifications

### Chassis (Cont'd)

Wheels	18" alloy wheels
Tires	235/60R18 all-season tires
Curb weight	2WD: 1,683kg / 4WD: 1,782kg

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### Capacities

Seating	5
Washer fluid tank	4.5L
Fuel tank	69L
Engine Oil Capacity	5.7L
Coolant capacity	8.9L

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### External Dimensions (mm)

Wheelbase	2,750
Track (fr/rr)	1,617 / 1,612
Overall length	4,675
Overall width	1,872
Overall height	1,645
Ground clearance	206

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### Internal Dimensions

Headroom (fr/rr)	1,009 mm / 998 mm (w/o Moonroof) 970 mm / 980 mm (w/ Moonroof)
Legroom (fr/rr)	1,059 mm / 925 mm
Shoulder room (fr/rr)	1,472 mm / 1,417 mm
Cargo length	1,013 mm (rear seat to tailgate)
Cargo width	1,050 mm (between quarter trims)
Height of luggage area	788mm
Tailgate opening width	1,096 mm
Cargo volume	1,658L (behind fr. seat back) 848L (behind rr. seat back)
Passenger volume	2,881L
Total volume	3,729L

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### Fuel Economy Ratings (L/100km)

	<b>2WD</b>	<b>4WD</b>
City	11.9	12.7
Highway	8.7	9.1

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### Towing capacity

907 Kg (2,000 lbs)

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## 2009 Mazda CX-7

<b>EQUIPMENT AND FEATURES</b>	<b>GS</b>	<b>GT</b>
<b>ENGINE &amp; TRANSMISSION</b>		
2.3L DOHC 16-valve 4-cylinder MZR DISI Turbo engine	S	S
Direct Injection turbo system	S	S
6-speed Sport mode automatic transmission	S	S
Front wheel drive	S	--
Active torque split All-Wheel drive system	O	S
<b>SUSPENSION</b>		
Front: Independent, strut type, coil springs	S	S
Rear: Independent, Multi-Link Type, Coil Springs	S	S
Rack & pinion type with engine-rpm-sensing variable power assist	S	S
Front and rear stabilizer bars	S	S
Power-assisted front and rear disc brakes	S	S
<b>TIRES &amp; WHEELS</b>		
18" alloy wheels	S	--
18" bright finish alloy wheels	--	S
235/60R18 all-season tires	S	S
Temporary spare tire	S	S
<b>EXTERIOR FEATURES</b>		
Body coloured front and rear bumpers	S	S
Body coloured outer door handle	S	--
Bright outer door handle	--	S
Body coloured lift gate garnish	S	S
Body coloured power operated door mirrors	S	S
Turn signal on exterior door mirrors	--	S
Heated door mirrors	S	S
Privacy glass on rear door glass, quarter glass and rear gate glass	S	S
Variable intermittent windshield wipers	S	S
Intermittent rear wiper	S	S
Rear window defroster	S	S
Dual exhaust outlets	S	S
Auto light control	S	S
Halogen headlights	S	--
Xenon (HID) headlights	--	S
Manual headlight levelling	--	S
Fog lights	--	S
Silver finish on fog lamp bezels	--	S
Body coloured rear spoiler	S	S
<b>INTERIOR FEATURES</b>		
Air conditioning	S	S
Manual climate controls	S	--
Automatic climate controls	--	S
Steering wheel-mounted cruise control	S	S
Tilt steering wheel	S	S
Internal fuel door release	S	S
Front door storage pockets with bottle holders	S	S
Center console box w/ lid	S	S
Retractable cargo cover	--	S
Lockable Glove compartment	S	S
Glove compartment knob - Silver	S	S
Console button - Silver finish	S	S
Driver & passenger seatback pockets	S	S
Electroluminescent gauges, blue indirect lighting	--	S
Ignition key illumination	S	S
Tachometer	S	S
Exterior temperature gauge	--	S
Engine coolant temperature gauge	S	S
Warning lights for oil pressure, check engine, low washer fluid, low fuel level and door ajar	S	S
Warning lights for airbags	S	S
Power door locks	S	S
Remote keyless entry system with retractable key (includes two transmitters)	S	S
Intelligent Key System (keyless entry and start)	--	LP

S = Standard    O = Optional    LP = Luxury package    NAV = Navigation System

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7

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<b>EQUIPMENT AND FEATURES</b>	<b>GS</b>	<b>GT</b>
<b>INTERIOR FEATURES (continued)</b>		
Illuminated entry	S	S
Power windows with driver/ front passenger's one-touch up and down feature	S	S
Auto up/down system for the front windows (keyless [down only] and key cylinder)	S	S
Rear heater ducts	S	S
Cargo area light	S	S
Extendable driver and passenger sunvisors with illuminated and covered vanity mirrors	S	S
Passenger assist grips (3)	S	S
Coat hooks (2)	S	S
Driver-side footrest	S	S
Map lamps	S	S
Day/night rearview mirror	S	--
Auto-dimming rear-view mirror with HomeLink®	--	S
Power outlet with cap (2)	S	S
Dual front and dual rear cup holders	S	S
Navigation system with touch screen and rear-view camera	--	O
Power-operated glass moonroof with interior sunshade, tilt-up ventilation feature with one-touch open and close feature	O	S
Passanger front reclining bucket seat with slide adjustment	S	S
8-way adjustable power driver's seat with manual lumbar support adj.	S	S
Heated front seats	S	S
60/40 split folding rear seatback w/ centre armrest	S	S
High grade cloth upholstery	S	--
Leather trimmed upholstery	--	S
Moulded cloth door panel trim - front and rear	S	--
Synthetic leather door panel trim - front and rear	--	S
Door handles – silver	--	S
3-spoke steering wheel - leather-wrapped	S	--
3-spoke steering wheel - leather-wrapped w/ piano black finish	--	S
Shift knob - leather-wrapped	S	S
Power window switch panel – dark grey	--	S
Power window switch panel – dark grey	--	S
Centre instrument panel trim (audio, A/C panel) – dark grey	S	S
Floor mats	S	S
<b>AUDIO SYSTEM</b>		
AM/FM CD player w/ 4 speakers	S	S
AM/FM 6 disc in-dash CD changer, Bose audio system and 9 speakers	--	LP
AudioPilot and Centerpoint system	--	LP
MP3 functionality on CD player	S	S
Steering wheel-mounted audio controls	S	S
Auxiliary audio input	S	S
Bluetooth® Hands-Free Phone System	--	LP
Sirius Satellite Radio	--	LP
<b>SAFETY &amp; SECURITY</b>		
Engine immobilizer theft deterrent system	S	S
Anti-theft alarm system	S	S
Anti-lock brake system (ABS) w/ EBD	S	S
Brake assist	S	S
Dynamic stability control (DSC)	S	S
Traction Control System (TCS)	S	S
Side door impact protection beams	S	S
Dual front airbags, side airbags and curtain airbags	S	S
Roll-over sensor for air curtains	S	S
Height adjustable front seat head restraints	S	S
Height adjustable rear seat head restraints (2)	S	S
Height adjustable front seat belts	S	S
Integrated child seat anchor brackets	S	S
3-point safety belts for all occupants	S	S
Driver and front passenger safety belt pretensioners and load limiters	S	S

S = Standard   O = Optional   LP = Luxury package   NAV = Navigation System

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8



# 2009 Mazda CX-7 Equipment Walk

## GS

2.3L I4 DISI Turbo engine  
244 HP  
258 lb-ft of torque  
6-speed automatic transmission with **Sport** mode  
18" Alloy wheels  
All-season 235/60R18 tires  
Front and rear stabilizer bars  
ABS with Electronic Brake Force Distribution (EBD)  
Brake assist  
4-wheel disc brakes  
Traction Control System (TCS)  
Dynamic Stability Control (DSC)  
Auto light control  
Body coloured door mirrors  
Body coloured bumpers and door handles  
Power windows, locks, and mirrors  
AM/FM/CD player with 4 speakers  
Steering-wheel mounted audio controls  
Tilt steering wheel  
Leather steering wheel  
Cruise control  
Air conditioning  
Keyless entry  
Retractable key  
Side Air Bags  
Side Air Curtains with Rollover Sensor  
Burglar alarm system  
Engine immobilizer theft deterrent system  
Power 8-way adjustable driver's seat  
Lumbar support on driver's seat  
Heated front seats  
Auxiliary audio input  
CD player with MP3 capability  
Rubber center console tray  
Extendable sunvisors with illuminated vanity mirror  
Passenger side seatback pocket  
Lockable glove box  
Silver finish on front console and glove compartment buttons

## Options

Active torque split All-Wheel drive system  
Power Moonroof with one-touch open and close feature

## GT

### GS Plus:

Bright finish on exterior door handles  
Xenon (HID) headlights  
Fog lights  
Power Moonroof with one-touch open and close feature  
Leather trimmed upholstery  
Automatic climate controls  
Black out (Electroluminescent) gauges, blue indirect lighting  
Exterior temperature gauge  
Cargo cover  
Piano black finish on steering wheel  
Silver finish on centre console  
Silver finish on interior door handles  
Side turn signal on door mirrors  
Auto-dimming rear-view mirror with HomeLink®  
Silver finish on fog lamp bezels  
High gloss finish alloy wheels

## Luxury package

Premium BOSE audio system with 9 speakers  
6-disc in dash CD changer  
Centerpoint surround sound system  
AudioPilot noise compensation system  
Intelligent Key System (keyless entry and start)  
Bluetooth® Hands-Free Phone System  
Sirius satellite radio

## Options

Navigation system with touchscreen & rearview camera

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