



2007 MY CX-9 SPECIFICATION DECK

LINEUP:

CX-9 Sport FWD & AWD
CX-9 Touring FWD & AWD
CX-9 Grand Touring FWD & AWD

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2007 CX-9
PRODUCT SUMMARY

Sport	Touring (changes over Sport)	Grand Touring (changes over Touring)
<p>Functional / Powertrain</p> <ul style="list-style-type: none"> ● 263 HP @ 6250 rpm ● 249 lb-ft torque @ 4500 rpm ● 3.5L V6 DOHC 24V ● 6-speed Sport AT automatic transmission with Sport Shift ● ABS with Electronic Brakeforce Distribution (EBD) ● Front wheel drive or Active Torque-Split All-Wheel Drive ● Stabilizer bars - front and rear ● Ventilated front disc brakes with 2-piston calipers ● Ventilated rear disc brakes ● Engine speed sensing rack-and-pinion steering <p>Exterior</p> <ul style="list-style-type: none"> ● 18" aluminum alloy wheels ● P245/60 R18 tires ● Body-color door handles ● Body-color front and rear bumpers ● Body-color roof spoiler ● Dual exhaust outlets with bright finish ● Halogen headlamps ● LED tail lights and CHMSL ● Electric body-color side view mirrors ● Variable intermittent windshield wipers ● Intermittent rear wiper ● Privacy glass on rear side windows & rear lift gate ● Rear step bumper <p>Interior</p> <ul style="list-style-type: none"> ● 3-zone automatic climate control air conditioning ● Cruise control ● Tilt and telescopic steering wheel with cruise and audio controls ● Power windows ● One touch auto open/close front windows ● Leather wrapped driver/passenger center console armrest with storage ● Power door locks with 2 stage unlocking ● Courtesy lamps for front doors and cargo area ● Illuminated entry ● Map lights ● Sun visors with extension and illuminated vanity mirror ● Front: cupholders #2 ● 2nd row: cupholders #2 ● 3rd row cupholders: #4 ● Front and rear door storage pockets with bottle holders ● 2nd row center armrest with cup holders ● Glove compartment - illuminated and lockable ● 12v outlets #3 ● Rear under floor storage ● Keyless entry with retractable key ● 6-way manual adjustable drivers seat ● Cloth Seats ● Leather wrapped shift knob and steering wheel ● Piano black trim accents ● AM/FM radio w/CD and 6 speaker sound system ● Auxiliary audio input jack ● Digital clock ● Outside temperature display <p>Safety</p> <ul style="list-style-type: none"> ● Advanced dual front air bags (SRS) ● Front side-impact air bags and side air curtains (1st to 3rd row coverage) with roll-over protection ● Dynamic Stability Control (DSC) & Traction Control System(TCS) ● Roll Stability Control (RSC) ● 3-point safety belts for all seating positions ● Tire Pressure Monitoring System (TPMS) 	<p>Functional / Powertrain</p> <p>Exterior</p> <ul style="list-style-type: none"> ● Heated driver/passenger side view mirrors <p>Interior</p> <ul style="list-style-type: none"> ● Leather trimmed seats - Front and second row ● Heated front seats ● Power driver seat - 8 way adjustable with power lumbar support ● Power front passenger seat - 4 way adjustable ● Stitched vinyl trimmed door panels ● Bluetooth® hands-free operation with customer's phone ● 2nd row center armrest with storage & cupholders <p>Safety</p>	<p>Functional / Powertrain</p> <p>Exterior</p> <ul style="list-style-type: none"> ● 20" alloy wheels with bright finish ● P245/50 R20 tires ● Bright finish door handles ● Fog lights ● Auto on/off Xenon High-Intensity Discharge (HID) low-beam headlights with manual leveling ● Side view mirrors with side marker lights ● Rain-sensing, variable intermittent windshield wipers <p>Interior</p> <ul style="list-style-type: none"> ● 3 memory setting, 8-way adjustable power driver's seat with power lumbar support ● Silver and wood patterned trim accents ● Electroluminescent gauges, blue indirect lighting ● Smart Card with Mazda Advanced Keyless Entry and Start System ● Indirect lighting (front and rear doors, front downward lighting) <p>Safety</p> <ul style="list-style-type: none"> ● Anti-theft perimeter alarm

Product Changes and Features Availability
Features, options and package content subject to change.

2007 CX-9

EQUIPMENT & FEATURES

	Sport	Touring	Grand Touring
	3.5L V6 DOHC 24V - 263HP	3.5L V6 DOHC 24V - 263HP	3.5L V6 DOHC 24V - 263HP
ENGINE & TRANSMISSION			
3.5L V6 DOHC	Std	Std	Std
6-speed Sport AT automatic transmission with sport-shift	Std	Std	Std
Front wheel drive	Std	Std	Std
Active torque-split all-wheel-drive system	Available	Available	Available
Heavy duty transmission cooler and radiator fan	-	Pkg	Pkg
Revised engine control module	-	Pkg	Pkg
SUSPENSION & CHASSIS			
Power-assisted rack-and-pinion steering with engine-speed-sensing variable assist	Std	Std	Std
Power-assisted ventilated front disc brakes with two-piston calipers	Std	Std	Std
Power-assisted ventilated rear disc brakes	Std	Std	Std
Anti-lock Brake System (ABS) w/ Electronic Brakeforce Distribution (EBD)	Std	Std	Std
Independent front MacPherson strut suspension with stabilizer bar	Std	Std	Std
Independent rear multi-link suspension with stabilizer bar	Std	Std	Std
TIRES & WHEELS			
18 x 7.5J Offset 45 aluminum alloy wheels	Std	Std	-
20 x 7.5J Offset 45 aluminum alloy bright finish wheels	-	-	Std
Wheel locks	Acc	Acc	Acc
P245/60 R18 tires	Std	Std	-
P245/50 R20 tires	-	-	Std
T155/90 R18 - temporary spare tire	Std	Std	Std
EXTERIOR FEATURES			
Door handles	Body - color	Body - color	Bright
Bumpers - body color front and rear	Std	Std	Std
Splash guards - front and rear	Acc	Acc	Acc
Roof spoiler - body color	Std	Std	Std
Roof rack	Acc	Acc	Acc
Dual exhaust outlets with bright finish	Std	Std	Std
Lift gate garnish	Body - color	Body - color	Bright
Fog lights	-	-	Std
Headlights - halogen	Std	Std	-
Headlights - Auto on/off Xenon High-Intensity (HID) with manual height adjustment	-	-	Std
LED tail lights and CHMSL	Std	Std	Std
Side view mirrors - body color	Std	Std	-
Side view mirrors - body colored with side marker lights	-	-	Std
Side view mirrors - driver and passenger heated	-	Std	Std
Side view mirrors - driver & passenger electric remote control	Std	Std	Std
Windshield wipers - intermittent and variable	Std	Std	-
Windshield wipers - intermittent, variable, rain-sensing	-	-	Std
Rear window wiper - intermittent and includes washer	Std	Std	Std
Privacy glass - rear side windows and rear liftgate glass	Std	Std	Std
Rear step bumper	Std	Std	Std
Towing Prep	-	Pkg	Pkg
Towing wiring harness, receiver and cover (3,500 pound capacity)	-	Pkg	Pkg
COMFORT & CONVENIENCE			
Air conditioning - automatic climate control operation with three zones	Std	Std	Std
Heater/defroster with rear heater ducts	Std	Std	Std
Rear window defogger with timer	Std	Std	Std
Steering wheel - tilt, telescopic, with audio and cruise controls	Std	Std	Std
Anti pinch power windows with one-touch auto open/close front windows	Std	Std	Std
Bluetooth® hands-free operation with customer's phone	-	Std	Std
DVD Navigation system with voice command and touch screen	-	Pkg	Pkg
Power-sliding glass moonroof with sunshade and one-touch open/close	Pkg	Pkg	Pkg
Moonroof wind deflector	Acc	Acc	Acc
Power door locks with 2-stage unlocking	Std	Std	Std
Power open / close hatch	-	Pkg	Pkg
Courtesy Lamps - front doors and cargo area	Std	Std	Std
Illuminated Entry	Std	Std	Std
Ignition Key Illumination	Std	Std	Std
Interior Indirect lighting (front and rear door, front downward lighting)	-	-	Std
Map lights	Std	Std	Std
Sun visors - illuminated vanity mirror and extension	Std	Std	Std
Front: cupholders #2	Std	Std	Std
2nd row: cupholders #2	Std	Std	Std
3rd row: cupholders #4, cupholders #2 with optional Rear Seat Entertainment System	Std	Std	Std
Storage pockets/bins with bottle holders - front and rear doors	Std	Std	Std
Center Console armrest with storage - driver / passenger	Leather wrapped	Leather wrapped	Leather wrapped
Center Console Trim	Interior color	Interior color	Silver
Center armrest with cupholders- 2nd row	Std	-	-
Center armrest with cupholders & storage - 2nd row	-	Std	Std
Overhead Console with sunglasses holder	Std	Std	Std
Glove compartment - illuminated, lockable	Std	Std	Std
Retractable cargo cover	Acc	Acc	Acc
Cargo Net	Acc	Acc	Acc
Cargo organizer - color keyed	Acc	Acc	Acc
Coin Box	Std	Std	Std
Rear Under Floor Storage	Std	Std	Std
Driver-side footrest	Std	Std	Std
Coat Hook - Rear #2	Std	Std	Std
Assist handles - #3	Std	Std	Std
Remote fuel door	Std	Std	Std
Remote control engine start	Acc	Acc	Acc
Compass, Homelink®, and auto-dimming mirror	Acc	Acc	-
Compass, Homelink®, and auto-dimming mirror with rain sensor cover	-	-	Acc
12V outlets - #3 (front console, instrument panel, cargo area)	Std	Std	Std
Key type - Keyless entry with retractable key	Std	Std	-
Key type - Smart Card with Mazda Advanced Keyless Entry and Start System	-	Pkg	Std
SEATING & TRIM			
7-passenger seating capacity	Std	Std	Std
Adjustable headrests - all seating positions	Std	Std	Std

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EQUIPMENT & FEATURES	Sport	Touring	Grand Touring
	3.5L V6 DOHC 24V - 263HP	3.5L V6 DOHC 24V - 263HP	3.5L V6 DOHC 24V - 263HP
	Front bucket seats	Std	Std
Cloth seats	Std	-	-
Leather trimmed seats - first and second row	-	Std	Std
Power driver's seat - 8 way adjustable with manual lumbar support	Opt	-	-
Power driver's seat - 8 way adjustable with power lumbar support	-	Std	-
Power driver's seat - 8 way adjustable with power lumbar support and 3 position memory	-	-	Std
Power front passenger seat - 4 way adjustable	-	Std	Std
Heated front seats	-	Std	Std
Front seatback map pocket - driver-side	Std	Std	Std
60/40 split fold-flat reclining 2nd row seats with one-motion walk in functionality from both sides	Std	Std	Std
Shift knob - leather wrapped	Std	Std	Std
Steering wheel - leather wrapped	Std	Std	Std
Stitched vinyl door panel	-	Std	Std
Cloth door panel	Std	-	-
Interior door handles - silver	Std	Std	Std
Headliner - color-keyed	Cloth	Woven	Woven
Cloth cover sunvisors	Std	Std	Std
Full carpeting	Std	Std	Std
Floor mats - carpeted front, 2nd row, & rear	Std / Acc	Std / Acc	Std / Acc
Cargo mat - carpeted color keyed	Acc	Acc	Acc
Floor mats - all weather	Acc	Acc	Acc
Interior trim - piano black	Std	Std	-
Interior trim - silver and wood pattern	-	-	Std
AUDIO SYSTEM			
AM/FM Radio with CD and 6 speaker sound system	Std	Std	Std
AM/FM Radio with 6-disc CD Changer and 10 Speaker Bose® Sound System with Centerpoint® and Surround Sound	Pkg	Pkg	Pkg
AM/FM Radio with CD Changer, 11 Speaker Bose® Sound System, 9" DVD Rear Seat Entertainment System with Centerpoint®, 5.1 Surround Sound, 115V power outlet and game port	Pkg	Pkg	Pkg
In dash 6-disc CDMP/3 changer (Modular Audio)	Acc	Acc	Acc
Sirius satellite radio	Acc	Acc	Acc
Antenna , rear window - element type	Std	Std	Std
Auxillary audio input jack	Std	Std	Std
INSTRUMENTATION			
Meter set - black out	Std	Std	Std
Electroluminescent gauges	-	-	Std
Instrument panel blue indirect illumination	-	-	Std
Digital clock	Std	Std	Std
Outside temperature display	Std	Std	Std
Resettable trip odometers (2)	Std	Std	Std
Tachometer	Std	Std	Std
Coolant temperature gauge	Std	Std	Std
Warnings: headlights, key-in-ignition, low fuel	Std	Std	Std
Fuel level gauge	Std	Std	Std
Door ajar warning	Std	Std	Std
SAFETY & SECURITY			
Dynamic Stability Control (DSC) and Traction Control (TCS)	Std	Std	Std
Roll Stability Control (RSC)	Std	Std	Std
Advanced dual front air bags (SRS)	Std	Std	Std
Front side-impact air bags and side air curtains (1st to 3rd row coverage) with roll-over protection	Std	Std	Std
3-point safety belts for all seating positions	Std	Std	Std
Front safety-belt pretensioners with force limiters	Std	Std	Std
2nd row LATCH child safety-seat lower anchors & upper tethers (3)	Std	Std	Std
Tire pressure monitoring system	Std	Std	Std
Side-impact door beams	Std	Std	Std
Front & rear crumple zones	Std	Std	Std
Crushable brake pedal	Std	Std	Std
Engine immobilizer anti-theft system	Std	Std	Std
Anti-theft perimeter alarm	-	-	Std

2007 CX-9 Front & All Wheel Drive

PACKAGES & OPTIONS		Sport	Touring	Grand Touring
Power Seat (PW6): - 8-way power adjustable driver seat with manual lumbar support		Pkg	-	-
Moonroof and Bose® Audio Package (1MC): - Power sliding glass moonroof with interior sunshade - Bose® Centerpoint® with 10 speakers - In-dash 6-disc CD changer Note: not available Rear Seat Entertainment System (1EP)		Pkg	Pkg	Pkg
Rear Seat Entertainment System with Bose® Audio Package (1EP): - 9" DVD with 5.1 audio surround sound - Bose® Centerpoint® with 11 speakers - In-dash 6-disc CD changer - Audio/video input - 115 volt outlet Note: not available with Moonroof, Bose Audio Package (1MC)		Pkg	Pkg	Pkg
Touring Assistance Package(1PA): - DVD Navigation System with Voice Command & Touch Screen - Rearview camera - Smart Card with MAZDA Advanced Keyless Entry & Start System - Power open and close hatch		-	Pkg	-
Grand Touring Assistance Package(2PA): - DVD Navigation system with Voice Command & Touch Screen - Rearview camera - Power open and close hatch		-	-	Pkg
Towing Package (1TP): - 3,500 pound capacity - Heavy duty transmission cooler and radiator fan - Wiring harness, receiver, and cover - Revised Engine Control Module Note: Not available on Sport		-	Pkg	Pkg
Crystal White Pearl Paint (JCP)		Opt	Opt	Opt

2007 CX-9 Front & All Wheel Drive

ACCESSORIES	Code	Sport	Touring	Grand Touring
AUDIO / VISUAL ELECTRONICS				
Sirius satellite radio	SAT	Acc	Acc	Acc
In-dash 6-disc CD/MP3 changer (modular audio)	CDC	Acc	Acc	Acc
EXTERIOR				
Moonroof Wind Deflector	MDN	Acc	Acc	Acc
Splash Guards (set of 4)	SGB	Acc	Acc	Acc
Remote Engine Start	RSE	Acc	Acc	Acc
Roof Rack	RCK	Acc	Acc	Acc
Wheel Locks	WLK	Acc	Acc	Acc
INTERIOR				
All Weather Floor Mats	FLA	Acc	Acc	Acc
Cargo Mat, carpeted (color-keyed)	CGM	Acc	Acc	Acc
Cargo Net	CGN	Acc	Acc	Acc
Compass Homelink® Auto-Dimming Mirror	MRH	Acc	Acc	-
Compass, Homelink®, Auto-Dimming Mirror w/ Rain Sensor	MHR	-	-	Acc
Retractable Cargo Cover	RCC	Acc	Acc	Acc

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INTERIOR & EXTERIOR COLORS

COLOR CODE	EXTERIOR COLOR	INTERIOR					
		<i>Sport</i>		<i>Touring</i>		<i>Grand Touring</i>	
		CLOTH		LEATHER		LEATHER	
		Black TB2	Sand TB3	Black TB2	Sand TB3	Black TB2	Sand TB3
28W	Black Cherry Mica		■		■	■	■
30S	Liquid Platinum Metallic	■		■		■	■
32S	Galaxy Gray Mica	■		■		■	■
32V	Copper Red Mica		■		■	■	■
34K	Crystal White Pearl Mica	■	■	■	■	■	■
35J	Stormy Blue Mica	■	■	■	■	■	■
35N	Sparkling Black Mica	■	■	■	■	■	■
A3F	Brilliant Black Clearcoat	■	■	■	■	■	■

Notes:

Bold Type: New color for Mazda

2007 CX-9 SPECIFICATIONS

ENGINE		
Type		3.5L V6 DOHC 24 Valve - 4V
Horsepower, SAE net		263 @ 6250 rpm
Torque, SAE net		249 @ 4500 rpm
Displacement (cubic inches/cc)		213.3 / 3496
Bore x Stroke (in/mm)		3.64 x 3.41 / 92.5 x 86.7
Compression Ratio		10.3
Recommended Fuel		87 Octane
Redline		6500
Engine Block Material		Aluminum
Cylinder Head Material		Aluminum
Emission Regulation		ULEV2-B CA / FED: T2BIN5-A
Emission Control		Electrically Controlled w/Catalyst
Ignition System		Distributorless Ignition (DLI)
Alternator		12V - 110A
Battery		80D26L
Coolant Capacity (qt/l)		11.7 / 11.118
Starter		12V;1.6W
Top Speed (mph/kph)		119.3 / 192
DRIVETRAIN		
Drive Wheel:		AWD / FWD
Transmission:		6-Speed AT
Coefficient of Drag		0.36
Ratios (:1)	1st	4.148
	2nd	2.370
	3rd	1.555
	4th	1.154
	5th	0.859
	6th	0.685
	Reverse	3.393
	Final Drive	3.464
CHASSIS		
Front Suspension		MacPherson Strut
Rear Suspension		Multi-link
Steering Type		Power rack-and-pinion
Power Assist		Engine speed sensing variable assist
Steering Wheel Turns Lock-to-Lock		3.1 rev
Overall Steering Ratio		16.3:1
BRAKING / WHEELS / GVW		
Braking System		Diagonal Hydraulic
Anti-Lock Braking System		Standard with EBD
Front Brakes		2-piston caliper / 12.6" front ventilated disc
Rear Brakes		1-piston caliper/ 12.8" ventilated disc
Parking Brake		Mechanical (foot type)
Wheels		18 x 7.5J (Sport, Touring) / 20 x 7.5J (Grand Touring)
Tires		P245/60R18 (Sport, Touring) / P245/50R20 (Grand Touring)
Temporary Spare Tire		T155/90R18
Total Curb Weight w/AC (lbs)		4546 (AWD) / 4312 (FWD)
Total Gross Vehicle Weight (lbs)		6025 (AWD) / 5805 (FWD)
ESTIMATED FUEL ECONOMY		
EPA Mileage (City / Highway)	FWD AT	18/24
	AWD AT	16/22
CAPACITIES		
Engine Oil (U.S. quarts/L)		5.0 / 4.7
Engine Coolant (U.S. quarts/L)		11.7 / 11.1
Washer Fluid Tank (U.S. quarts/L)		4.8 / 4.5
Fuel Tank Capacity (gallons/L)		20.1 / 76
Towing Capacity (lbs.)		2000 (AWD / FWD), 3500 with Towing Package (AWD) / (FWD)
EPA Vehicle Size Category		

2007 CX-9 SPECIFICATIONS

EXTERIOR DIMENSIONS

Overall Length	w/License Plate Holder (in/mm)	199.8 / 5074
	w/o License Plate Holder (in/mm)	199.8 / 5074
Overall Width	Width (in/mm)	76.2 / 1936
Overall Height	w/o Roof Rails w/245/60R 18 tires (in/mm)	68.0 / 1728 (AWD), 68.0 / 1728 (FWD)
	w/o Roof Rails w/245/50R 20 tires (in/mm)	68.0 / 1728 (AWD), 68.0 / 1728 (FWD)
Overhang	Front w/License Plate Holder (in/mm)	41.9 / 1065
	Front w/o License Plate Holder (in/mm)	41.9 / 1065
	Rear (in/mm)	44.7 / 1134
Wheelbase (in/mm)		113.2 / 2875
Track	Front (in/mm)	65.1 / 1654
	Rear (in/mm)	64.7 / 1644
Approach Angle (degrees)		17 (AWD), 17 (FWD)
Departure Angle (degrees)		21.1 (AWD), 21.1 (FWD)
Curb-to-Curb Turning Circle (ft)		18.7
Wall-to-Wall Turning Circle (ft)		20.6

INTERIOR DIMENSIONS

Headroom	Front Row w/o Moonroof (in/mm)	39.6 / 1005
	Front Row w/Moonroof (in/mm)	38.4 / 975
	2nd Row w/o Moonroof (in/mm)	39.0 / 990
	2nd Row w/Moonroof (in/mm)	39.0 / 990
Shoulder Room	3rd Row (in/mm)	35.4 / 899
	Front Row (in/mm)	59.4 / 1510
	2nd Row (in/mm)	58.7 / 1490
	3rd Row (in/mm)	56.9 / 1444
Hip Room	Front Row (in/mm)	56.5 / 1435
	2nd Row (in/mm)	56.0 / 1422
	3rd Row (in/mm)	43.7 / 1111
Leg Room	Leg Room, Front Row (in/mm)	40.9 / 1038
	Leg Room, 2nd Row (in/mm)	39.8 / 1010
	Leg Room, 3rd Row (in/mm)	32.4 / 824
Hip Point Height	Rear knee clearance 2nd Row (in/mm)	4.6 / 117
	from Floor, Front Row (in/mm)	13.8 / 350
	from Ground Unladen, Front Row (in/mm)	28.3 / 717
	from Floor, 2nd Row (in/mm)	12.6 / 321
	from Ground Unladen, 2nd Row (in/mm)	29.6 / 751.7
	from Ground, 3rd Row (in/mm)	11.1 / 281.5
Steering Wheel	from Ground Unladen, 3rd Row (in/mm)	29.6 / 751.7
	Tilt Range (inch)	1.77
	Telescopic Range (inch)	2
Driver's Seat	Slide Range (inch)	10.24
	Lift Range (inch)	2.17

CARGO AREA DIMENSIONS

Cargo Area	Floor Height to Ground Unladen (in/mm)	30.8 / 782
	Tail Gate Opening Width (in/mm)	47.3 / 1201
	Height from Floor to Roof (in/mm)	34.8 / 884
Cargo Room	Floor Height from Ground (in/mm)	30.9 / 782
	threshold Height from Ground (in/mm)	31.3 / 794
	Length w/2nd and 3rd seats upright (in/mm)	19.0 / 483
	Length w/3rd Seat folded (in/mm)	48.9 / 1243
	Rear Tailgate Opening Height (in/mm)	31.7 / 806
	Rear Tailgate Opening Width (in/mm)	47.3 / 1201
	Width at Floor (in/mm)	58.5 / 1486
	Width between Rear Tire House (in/mm)	46.1 / 1170

INTERIOR VOLUME

Passenger Volume	w/o Moonroof (cubic ft/L)	139.2 / 3941.7
	w/Moonroof (cubic ft / L)	137.5 / 3893.6
Cargo Volume	2nd and 3rd row seat upright (cubic ft / L)	17.2 / 487
	3rd row seats folded (cubic ft / L)	48.4 / 1370.5
	2nd and 3rd row seats folded (cubic ft / L)	100.7 / 2851.5