

2008 CX-9



Engine & Mechanical



S Standard **P** Package Option **□** Stand-Alone Option **R** Dealer Installed Accessory **✗** Not Available

2008 CX-9

Sport

Touring

Grand Touring

ENGINE

Type	3.7L V6 DOHC 24 Valve Engine
Horsepower, SAE net	273 @ 6250 rpm
Torque, SAE net	270 @ 4250 rpm
Displacement (cubic inches/cc)	227.4/3726
Bore x Stroke (in/mm)	3.76 x 3.41 / 95.5 x 86.7
Compression ratio	10.3
Recommended fuel	87 Octane
Redline	6500
Engine block material	Aluminum
Cylinder head material	Aluminum

DRIVETRAIN

Drive wheel	AWD/FWD
Transmission	6-Speed AT
Coefficient of Drag	0.36
Ratios	
1st	4.148
2nd	2.370
3rd	1.555
4th	1.154
5th	0.859
6th	0.685

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Reverse	3.393
Final Drive	3.464

FUEL ECONOMY

EPA Mileage* (City/Highway) – FWD Automatic Transmission	16 / 22
EPA Mileage* (City/Highway) – AWD Automatic Transmission	15 / 21

*These estimates reflect new EPA methods beginning with 2008 models

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 / GWV

Braking system	Diagonal Hydraulic
Anti-Lock Braking System (ABS)	Standard with Electronic Braking Distribution (EBD)
Front brakes	2 piston caliper / 17" front ventilated disc rotor
Rear brakes	1 piston caliper & drum in disc / 17" ventilated disc rotor
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)

2008 CX-9



Exterior

S Standard
 P Package Option
 A Stand-Alone Option
 F Dealer Installed Accessory
 X Not Available

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EXTERIOR FEATURES

Body color door handles	S	S	X
Chrome door handles	X	X	S
Bumpers, front and rear - body - color	S	S	S
Splash guards, black (set of 4)	F	F	F
Roof spoiler - body - color	S	S	S
Roof rails	F	F	F
Dual exhaust outlets with bright finish	S	S	S
Body color lift gate garnish	S	S	X
Chrome lift gate garnish	X	X	S
Fog lamps	X	X	S
Headlamps - halogen	S	S	X
Headlamps - Xenon HID with auto on/off and MANUAL height adjustment	X	X	S
LED tail lamps / CHMSL	S	S	S
Side view mirrors - body - colored	S	S	X
Side view mirrors - body - colored with side marker lights	X	X	S
Side view mirrors - driver and passenger heated	X	S	S
Side view mirrors - driver & passenger electric remote control	S	S	S
Windshield wipers - intermittent and variable	S	S	X
Windshield wipers - intermittent, variable, and rain sensing	X	X	S
Rear window wiper - intermittent and includes washer	S	S	S
Privacy glass - rear side windows and rear lift gate glass	S	S	S
Rear step bumper	S	S	S
Towing prep	X	F	F
Towing harness receiver and cover (3,500 pound capacity)	X	F	F

EXTERIOR DIMENSIONS

Overall length

w/License plate holder (in/mm)

199.8/5075

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Grand Touring

w/o License plate holder (in/mm)	199.6/5071
Overall width	
Width (in/mm)	76.2/1936
Overall height	
w/o Roof rails w/245/60R 18 tires (in/mm)	68.1/1729 (AWD), 1731 (FWD)
w/o Roof rails w/245/50R 20 tires (in/mm)	68.3/1734 (AWD), 1735 (FWD)
Overhang	
Front w/ license plate holder (in/mm)	42/1066
Front w/o license plate holder (in/mm)	41.8/1062
Rear (in/mm)	44.6/1134
Wheelbase (in/mm)	113.2/2875
Track	
Front (in/mm)	65.1/1654
Rear (in/mm)	64.7/1644
Approach angle (degrees)	16.96 (AWD), tbd (FWD)
Departure angle (degrees)	21.1 (AWD), tbd (FWD)
Curb-to-Curb turning circle (ft)	37.4
Wall-to-Wall turning circle (ft)	41.2

WHEELS & TIRES

18x7.5J Offset 45 aluminum alloy wheels			
20x7.5J Offset 45 aluminum alloy bright finish wheels			
Wheel locks			
P245/60 R18 tires			
P245/50 R20 tires			
T155/90 R18 - temporary spare tire			

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Interior Features

S Standard
 P Package Option
 Q Stand-Alone Option
 A Dealer Installed Accessory
 X Not Available

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COMFORT & CONVENIENCE

Air conditioning – climate control operation with three zones	S	S	S
Heater/defroster with rear heater ducts	S	S	S
Rear window defogger with timer	S	S	S
Cruise control with steering wheel mounted controls	S	S	S
Steering wheel – tilt, telescopic, with audio controls	S	S	S
Anti pinch power windows with one-touch auto open/close front windows	S	S	S
Bluetooth hands free operation	X	S	S
DVD navigation system with voice command and touch screen	X	P	P
Power-sliding glass moonroof with sunshade	P	P	P
Dockable Entertainment System with Game Boy® Advance	Q	Q	Q
Moonroof wind deflector	P	P	P
Power door locks with 2-stage unlocking	S	S	S
Power open/close hatch	X	P	P
Courtesy lamps – front doors and cargo area	S	S	S
Illuminated entry	S	S	S
Ignition key illumination	S	S	S
Interior indirect lighting (front and rear door, front downward lighting)	X	X	S
Map lights	S	S	S
Sunvisors – illuminated vanity mirror and extension	S	S	S
Front: cup holders #2 and bottle holders #2	S	S	S
2nd row: cup holders #2 and bottle holders #2	S	S	S
3rd row: cup holders #4, cup holders #2 with optional rear seat entertainment system	S	S	S
Storage pockets/bins with bottle holders – front and rear doors	S	S	S
Leather wrapped center console armrest with storage – driver / passenger	S	S	S
Center console trim, interior color	S	S	X
Center console, silver	X	X	S
Center armrest – 2nd row	S	X	X
Center armrest with storage – 2nd row	X	S	S
Overhead console with sunglass holder	S	S	S

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Sport Touring Grand Touring

Illuminated and lockable glove compartment	S	S	S
Retractable cargo cover	F	F	F
Cargo net	F	F	F
Cargo organizer – color keyed	F	F	F
Coin box	S	S	S
Rear under floor storage	S	S	S
Driver-side footrest	S	S	S
Coat hook – Rear #2	S	S	S
Assist handles – #3	S	S	S
Remote fuel lid	S	S	S
Remote control engine start	F	F	F
Compass, Homelink auto-dimming mirror	F	F	✗
Compass, Homelink, and auto-dimming mirror with rain sensor cover	✗	✗	F
12V outlets – #3 (cargo area, front console, and instrument panel)	S	S	S
Fob with retractable key	S	S	✗
Smart Card with Mazda Advanced Keyless Entry and Start System	✗	F	S

SEATING & TRIM

7-passenger seating capacity	S	S	S
Adjustable headrests – all seating positions	S	S	S
Front bucket seats	S	S	S
Cloth seats	S	✗	✗
Leather – trimmed seats	✗	S	S
Power driver's seat – 8 way adjustable with manual lumbar support	□	✗	✗
Power driver's seat – 8 way adjustable with power lumbar support	✗	S	✗
Power driver's seat – 8 way adjustable with power lumbar support and memory	✗	✗	S
Power front passenger seat – 4 way adjustable	✗	S	S
Heated front seats	✗	S	S
Front seatback map pocket – driver-side	S	S	S
60/40 split fold-flat reclining 2nd row seats with walk in functionality from both sides	S	S	S
One hand unlock operation for 2nd row seat with slide to access 3rd row seats	S	S	S
Shift knob – leather wrapped	S	S	S
Steering wheel – leather wrapped	S	S	S
Steering wheel – with Bluetooth	✗	S	S
Stitched vinyl door panel	✗	S	S
Cloth door panel with piano black accent	S	S	✗
Interior door handles – silver	S	S	S
Cloth headliner – color-keyed	S	✗	✗

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	Sport	Touring	Grand Touring
Woven headliner – color keyed	X	S	S
Cloth cover sun visors	S	S	S
Full carpeting	S	S	S
Floor mats – carpeted front, 2nd row, & rear	S / A	S / A	S / A
Cargo mat – carpeted color keyed	A	A	A
Floor mats – all weather	A	A	A
Interior trim – piano black	S	S	X
Interior trim – silver and wood pattern	X	X	S

AUDIO SYSTEM

AM/FM Radio with CD and 6 speaker sound system	S	S	S
AM/FM radio with CD changer and 10 speaker Bose® sound system with Centerpoint® and surround sound	P	P	P
AM/FM Radio with CD changer, 11 speaker Bose sound system, 9" DVD rear seat entertainment system with Centerpoint and 5.1 surround sound	P	P	P
In dash 6-disc CDMP/3 changer (modular audio)	A	A	A
Sirius* satellite radio	A	A	A
115V power outlet	P	P	P
Steering wheel mounted audio controls	S	S	S
Antenna , rear window – element type	S	S	S

INSTRUMENTATION

Electroluminescent gauges, blue indirect lighting	X	X	S
Instrument panel indirect illumination	X	X	S
Digital clock	S	S	S
Ambient temperature	S	S	S
Resettable trip odometers (2)	S	S	S
Tachometer	S	S	S

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)	38.8/985
2nd row w/moonroof (in/mm)	38.8/985
3rd row (in/mm)	35.4/899

Shoulder room

Front row (in/mm)	59.4/1510
2nd row (in/mm)	58.7/1490

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Sport Touring Grand Touring

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
Rear knee clearance 2nd row (in/mm)	4.6/117
Hip point height	
From floor, front row (in/mm)	13.8/350
From ground unladen, front row (in/mm)	28.2/716
From floor, 2nd row (in/mm)	12.6/321
From ground unladen, 2nd row (in/mm)	29.4/748
From ground, 3rd row (in/mm)	11.1/281
From ground unladen, 3rd row (in/mm)	29.4/748
Steering wheel	
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)	30.9 / 784
Tailgate opening width (in/mm)	44.7 / 1135
Height from floor to roof (in/mm)	30.9 / 785
Cargo room	
Floor height from ground (in/mm)	30.9/784
Threshold height from ground (in/mm)	31.3/795
Length w/2nd and 3rd seats upright (in/mm)	19.0/483
Length w/2nd seat folded (in/mm)	49.0/1244
Rear tailgate opening height (in/mm)	31.7/806
Rear tailgate opening width (in/mm)	44.7/1135
Width at floor (in/mm)	58.5/1486
Width between rear tire house (in/mm)	46.1/1170

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INTERIOR VOLUME

Passenger Volume

w/o Moonroof (cubic ft/L)	210/5935
w/ Moonroof (cubic ft/L)	208/5888

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

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*Sirius satellite radio requires purchase of additional hardware and a monthly subscription.

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Safety & Security

S Standard
 P Package Option
 □ Stand-Alone Option
 A Dealer Installed Accessory
 ✕ Not Available

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SAFETY & SECURITY

	Sport	Touring	Grand Touring
Dynamic stability control and traction control	S	S	S
Roll stability control	S	S	S
Back-up camera	A	P / A	P / A
Advanced dual front air bags (SRS)*	S	S	S
Front side-impact air bags and side air curtains (1st to 3rd row coverage) with roll-over protection	S	S	S
3-point safety belts for all seating positions	S	S	S
Front safety-belt pretensioners with force limiters	S	S	S
LATCH rear seat child safety-seat lower anchors & upper tethers (2)	S	S	S
Tire Pressure Monitoring System (TPMS)	S	S	S
Side-impact door beams	S	S	S
Front & rear crumple zones	S	S	S
Crushable brake pedal	S	S	S
Engine immobilizer anti-theft system	S	S	S
Anti-theft perimeter alarm	✕	✕	S
Anti-theft perimeter alarm including shock sensor	A	A	✕
Blind Spot Monitoring system (BSM) [†]	✕	✕	P
Smart Card with MAZDA Advanced Keyless Entry and Start System	✕	P	S

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* Always wear your safety belt and secure children in the 2nd or 3rd row seats.

[†] (BSM) available as a standard feature on Grand Touring fall 2007