

2009 CX-7

Engine & Mechanical



standard option not available

2009 CX-7	Sport	Touring	Grand Touring
MSRP starting at	\$24,570*	\$26,470*	\$27,370*



CX-7 at a Glance:



Engine Type

244-hp 2.3L DOHC Direct-Injection Turbocharged 4-cylinder engine with 6-speed Sport automatic transmission†



Drivetrain Options

Front-wheel drive (FWD) or available Active Torque Split All-Wheel Drive (AWD)



Available Features

Available Xenon High-Intensity-Discharge (HID) low-beam headlights, halogen fog lights**, standard privacy-tint rear glass and the perfect combination of car-like handling with SUV utility



Safety Features

5-Star government frontal- and side-crash-test rating****, standard advanced front air bags, front side-impact air bags, side air curtains††† and Dynamic Stability Control (DSC)***

2009 CX-7	Sport	Touring	Grand Touring
Engine			
Engine type	2.3L Direct Injection Spark Ignition (DISI) Turbocharged 16-valve 4-cylinder		
Horsepower, SAE net†	244 @ 5000 rpm		
Torque, SAE net† (lb/ft)	258 @ 2500 rpm		
Redline	6700 rpm		
Displacement (cubic centimeters)	2260		
Bore x Stroke (millimeters)	87.4 x 94.0		
Compression ratio	9.5:1		
Valvetrain	Dual overhead cam, 4 valves per cylinder, camshaft chain, variable valve timing (VVT)		
Engine block	Aluminum alloy		
Cylinder heads	Aluminum alloy		
Fuel Economy			
EPA Mileage (City/Highway)			
FWD Automatic Transmission‡	17 / 23		
AWD Automatic Transmission‡	16 / 22		
Fuel System			
Fuel system	Electronically controlled direct injection		
Minimum fuel rating	Regular Unleaded (87 Octane)		
Recommended fuel	Premium (91 - 93 Octane)		
Drive Train			
Type	Front-wheel drive or Active Torque Split All-Wheel Drive		

Transmission	6-speed electronically controlled Sport automatic transmission
Chassis	
Front suspension	Independent MacPherson strut type with stabilizer bar
Rear suspension	Independent multilink type and stabilizer bar
Power-assist steering type	Rack-and-pinion engine-rpm sensitive, variable hydraulic power-assisted steering
Steering wheel turns lock-to-lock	2.9 revolutions
Overall steering ratio	15.8:1
Turning circle, curb-to-curb (feet)	37.4
Braking system	Power assist Anti-lock Brake System (ABS) with Electronic Brakeforce Distribution (EBD) and Brake Assist
Anti-lock Brake System (ABS)	4-wheel, 4-sensor, 4-channel + Electronic Brakeforce Distribution (EBD) and Brake Assist
Front brakes (inches)	Dual piston ventilated disc (11.65 in) diameter, 1.1 in thick
Rear brakes (inches)	Single piston ventilated disc (11.9 in) diameter, 0.7 in thick
Rear Suspension	
Tires	P235/60 R18 H-rated all-season
Wheels	18-inch aluminum alloy wheel
Temporary spare tire	T155/90 D18
Capacities	
Roof rack payload (lbs.)	100
Towing capacity (lbs.)	2,000

Exterior

S standard
□ option
-- not available

2009 CX-7	Sport	Touring	Grand Touring
Exterior Features			
Body-color door handles	S	S	--
Chrome door handles	--	--	S
Body-color front & rear bumpers	S	S	S
Fog lights**	□	□	--
Fog lights with silver-painted bezels	--	--	S
Halogen headlamps	S	S	--
Xenon auto on/off headlights	--	--	S
Dual body-colored power remote outside mirrors	S	S	S
Heated outside mirrors with side marker turn-signal lights	--	--	S
Intermittent windshield wipers	S	S	S
Intermittent rear wiper with washer	S	S	S
Power moonroof with auto open/close and interior sunshade	□	□	□
Moonroof wind deflector	□	□	□
Mud guards, front and rear	□	□	□
Rear bumper step plate	□	□	□
Scuff plates	□	□	□
Roof spoiler	S	S	S
Tires and Wheels			
18-inch aluminum alloy wheels	S	S	--
18-inch aluminum alloy wheels with high-gloss painted finish	--	--	S
P235/60 R18 H-rated all-season	S	S	S
Exterior Dimensions			
Wheelbase (inches)	108.3		
Track, front (inches)	63.7		
Track, rear (inches)	63.5		
Length w/o license plate holder	184.0		
Width (inches)	73.7		
Height w/o roof rails (inches)	64.8		
Minimum ground clearance, unladen (inches)	8.1		
Coefficient of drag (Cd)	0.34		
EPA curb weight (lbs)			
FWD	3710		
AWD	3929		

2009 CX-7

Interior



standard option not available

2009 CX-7	Sport	Touring	Grand Touring
Comfort and Convenience			
12V power outlet - two			
Leather-wrapped tilt steering wheel with mounted audio controls			
Leather-wrapped tilt steering wheel with Piano Black accents and audio controls			
Leather-wrapped shift knob			
Cruise control with steering-wheel-mounted controls			
Indirect blue illumination			
Air conditioning with cabin filter			
Automatic climate control with cabin filter			
Auto-dimming rearview mirror with HomeLink®			
Mazda Advanced Keyless Entry & Start System			
Power windows with one-touch auto open/close front windows			
Rear-seat center armrest			
Privacy-tint rear glass			
Rear window defogger			
Storage			
Front seatback map pocket - driver-side and passenger-side			
Storage pockets - front doors with bottle holders			
Cup holders - front			
Rear cup holders - two			
Lockable glove compartment			
Locking center storage console with rubber tray			
Retractable cargo cover			
Seating and Trim			
Cloth-trimmed seats			
Leather-trimmed seats			
Leather-trimmed seats with sport seat stripe			
Reclining front bucket seats with adjustable headrests			
6-way manual-adjustable driver's seat			
8-way power-adjustable driver's seat with adjustable lumbar support			
Heated front seats			
Audio System			
Auxiliary-audio input jack			
AM/FM/CD MP3-compatible audio system with automatic level control			
4-speaker sound system			
9-speaker, Bose® Centerpoint® surround system 240 watt with AudioPilot®			
In-dash 6-disc CD/MP3 changer			
Bluetooth†† hands-free phone capability*			
SIRIUS Satellite Radio††			
DVD navigation system with 7-inch LCD touch screen & voice command			
DVD entertainment system			
Roof-mounted antenna			

Instrumentation			
Ambient temperature display	--	--	S
Electroluminescent gauges, indirect blue lighting	--	--	S
Compass / electrochromic mirror	□	□	□
Compass / HomeLink® mirror	□	□	□
Navigation system with back-up camera†††	□	□	□

Interior Dimensions	
Headroom w/o moonroof, front (inches)	39.7
Headroom w/o moonroof, rear (inches)	39.3
Headroom w/ moonroof, front (inches)	38.2
Headroom w/ moonroof, rear (inches)	38.6
Legroom, front (inches)	41.7
Legroom, rear (inches)	36.4
Shoulder room, front (inches)	58.0
Shoulder room, rear (inches)	55.8
Hiproom, front (inches)	54.8
Hiproom, rear (inches)	53.0

Capacities	
Passenger seating capacity	5
EPA passenger volume w/o moonroof (cubic feet)	101.7
EPA passenger volume w/ moonroof (cubic feet)	98.8
Cargo volume w/ rear seatback up (cubic feet)	29.9
Cargo volume w/ rear seatback folded (cubic feet)	58.6



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Safety and Security			
Tire-Pressure Monitoring System (TPMS)			
Dynamic Stability Control (DSC)*** and Traction Control System (TCS)			
Engine-immobilizer antitheft system			
Antitheft perimeter alarm			
Fold-away brake pedal assembly			
Advanced dual front air bags†††			
Front side-impact air bags and front/rear side air curtains with roll-over protection			
Passenger power window lock-out feature - driver-controlled			
Illuminated keyless entry w/ panic button			
Front seat-belt pretensioners with force limiters†††			
3-point seat belts for all seating positions			
Front & rear crumple zones			
Side-impact door beams			
LATCH child-safety-seat anchors			
Back-up camera†††			

Options & Packages

■ standard ■ option -- not available

2009 CX-7	Sport	Touring	Grand Touring
Option Packages			
Power Seat Option: <ul style="list-style-type: none"> Heated front seats with 8-way power-adjustable driver's seat (recline, lift, tilt slide) with adjustable lumbar support 	■	■	■
Moonroof, Bose® Audio, 6CD Changer/MP3 Package: <ul style="list-style-type: none"> Power sliding-glass moonroof with interior sunshade Bose® Centerpoint® Surround System with AudioPilot® 9 speakers In-dash 6-disc CD/MP3 changer Bluetooth®†† & SIRIUS Satellite Radio with 6-month subscription <p>Note: Sport trim requires Power Seat Option. SIRIUS Satellite Radio not available in Alaska and Hawaii. Alaska and Hawaii must contact the regional office to order this package.</p>	■	■	■
Technology Package: <ul style="list-style-type: none"> Power sliding-glass moonroof with interior sunshade Bose® Centerpoint® Surround System with AudioPilot® 9 speakers In-dash 6-disc CD/MP3 changer DVD navigation system with 7-inch LCD touch screen & voice command Mazda Advanced Keyless Entry & Start System Back-up camera‡‡‡ Antitheft perimeter alarm Bluetooth®†† & SIRIUS Satellite Radio with 6-month subscription 	--	--	■

* MSRP includes destination charges but excludes tax, title and license fees. Destination charges may vary in Alaska and Hawaii. Vehicles displayed may contain optional equipment at additional costs. Actual dealer price may vary.

† For maximum power, use premium fuel.

‡ EPA-estimated mileage. Actual results may vary.

** Fog lights, require the purchase of the 8-way power-adjustable driver's seat and adjustable lumbar support.

†† The Bluetooth® system functions only with select manufactured phones. Please consult www.MazdaUSA.com/bluetooth for device compatibility.

‡‡ SIRIUS Satellite Radio-compatible audio system requires additional dealer-installed hardware and subscription.

*** Dynamic Stability Control (DSC) is an electronic system to help the driver maintain control under adverse conditions. It is not a substitute for safe driving practices. Factors including speed, road conditions and driver steering input can all affect whether DSC will be effective in preventing loss of control. Please see the Owner's Manual for further details.

††† Always wear your seat belt and secure children in the rear seats in appropriate child restraints.

‡‡‡ Back-up camera does not provide a comprehensive view of the entire area behind this vehicle.

**** Government star ratings are part of the National Highway Traffic Safety Administration's (NHTSA's) New Car Assessment Program (www.safercar.gov). Vehicle tested with standard side-impact air bags (SABs).