

2007 CX-7

Summary



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

2007 CX-7

	Sport	Touring	Grand Touring
MSRP starting at	\$24,345*	\$26,095*	\$26,895*

MECHANICAL FEATURES

244-hp Direct-Injection turbocharged engine	S	S	S
6-speed Sport automatic transmission	S	S	S
Front wheel drive	S	S	S
Active Torque-Split All-Wheel Drive	Q	Q	Q
Independent front MacPherson strut suspension	S	S	S
Independent rear multi-link suspension	S	S	S
4-wheel ventilated disc brakes with ABS and EBD and Brake Assist	S	S	S
Dynamic Stability Control (DSC)	S	S	S
Traction Control System (TCS)	S	S	S

FUEL ECONOMY

EPA, city / highway, FWD	19 / 24	19 / 24	19 / 24
AWD	18 / 24	18 / 24	18 / 24

EXTERIOR FEATURES

18-inch aluminum alloy wheels	S	S	S
Xenon HID low beam headlamps with auto on/off and manual leveling	X	X	S
Fog lamps	P	Q	S
Heated side view mirrors	X	X	S
Body-color folding side view mirrors	X	X	S
Body-color door handles	S	S	X
Chrome door handles	X	X	S
Rear spoiler	S	S	S

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INTERIOR FEATURES

5-passenger seating capacity	S	S	S
Cloth-trimmed seats	S	X	X
Leather-trimmed seats	X	S	X
Grand Touring leather-trimmed seats with sport stripes	X	X	S
6-way manual adjustable driver's seat	S	X	X
8-way power adjustable driver's seat with adjustable lumbar support	□	S	S
Heated front seats	X	S	S
60/40 split one-touch fold-down rear seatback with adjustable headrests on outboard seating positions	S	S	S
4-speaker AM/FM/CD audio system with Automatic Level Control	S	S	S
9-speaker, Bose® Centerpoint® surround system with AudioPilot®	P	P	P
DVD navigation system with voice command & touch screen and rear view camera	P	P	P
Electroluminescent gauges and blue indirect lighting	X	X	S
Power windows with driver and passenger one touch open/close feature	S	S	S
Cruise control	S	S	S
CFC-free air conditioning with cabin filter	S	S	S
Automatic climate control	X	X	S

SAFETY & SECURITY

Dual front air bags (SRS)* and front side impact air bags	S	S	S
Front / rear side-impact air curtains with rollover protection	S	S	S
Front safety-belt pretensioners with force limiters	S	S	S
Tire pressure monitoring system	S	S	S
Engine immobilizer anti-theft system	S	S	S

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Illuminated keyless entry w/ panic button	■	■	■

OPTION PACKAGES

Moonroof, Bose Audio, 6CD Changer 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 changer 	■	■	■
Technology Package <ul style="list-style-type: none"> ● Moonroof, Bose Audio, 6CD Changer Package ● DVD navigation system with voice command & touch screen ● MAZDA Advanced Keyless Entry & Start System ● Rearview camera ● Perimeter alarm 	■	■	■
Preferred Equipment Package: <ul style="list-style-type: none"> ● Cargo net ● Cargo tray ● Rear bumper step plate ● Retractable cargo cover (Std. on Touring, Grand Touring) ● Wheel locks 	■	■	■

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* MSRP includes destination charges but excludes tax, title and license fees. Destination charges may vary in Alaska and Hawaii. Actual dealer price may vary.

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

‡ Fog Lamps, require the purchase of the 8-way Power Seat and Lumbar Adjustment.

Mechanical Features

2007 CX-7

	Sport	Touring	Grand Touring
ENGINE			
Turbocharged 2.3L DISI DOHC 16-valve inline-4	Ⓢ	Ⓢ	Ⓢ
Intercooler	Ⓢ	Ⓢ	Ⓢ
Direct Injection Spark Ignition (DISI)	Ⓢ	Ⓢ	Ⓢ
Aluminum head and block	Ⓢ	Ⓢ	Ⓢ
DRIVETRAIN			
6-speed Sport automatic transmission	Ⓢ	Ⓢ	Ⓢ
Front wheel drive	Ⓢ	Ⓢ	Ⓢ
Active Torque-Split All-Wheel Drive	Ⓢ	Ⓢ	Ⓢ
Tire Pressure Monitor	Ⓢ	Ⓢ	Ⓢ
STEERING			
Rack-and-pinion	Ⓢ	Ⓢ	Ⓢ
Engine-speed-sensing variable power assist	Ⓢ	Ⓢ	Ⓢ
FRONT SUSPENSION			
MacPherson strut design	Ⓢ	Ⓢ	Ⓢ
Stabilizer bar	Ⓢ	Ⓢ	Ⓢ
Six-point perimeter subframe	Ⓢ	Ⓢ	Ⓢ
REAR SUSPENSION			
Multi-link design	Ⓢ	Ⓢ	Ⓢ
Coil springs	Ⓢ	Ⓢ	Ⓢ
Stabilizer bar	Ⓢ	Ⓢ	Ⓢ
HANDLING SYSTEMS			
Dynamic Stability Control (DSC)	Ⓢ	Ⓢ	Ⓢ
Traction Control System (TCS)	Ⓢ	Ⓢ	Ⓢ
BRAKES			
4-wheel ventilated disc brakes	Ⓢ	Ⓢ	Ⓢ
Anti-lock Brake System (ABS)	Ⓢ	Ⓢ	Ⓢ
Brake Assist (BA)	Ⓢ	Ⓢ	Ⓢ
Electronic Brakeforce Distribution (EBD)	Ⓢ	Ⓢ	Ⓢ

Exterior

2007 CX-7

	Sport	Touring	Grand Touring
TRIM			
Body-color door handles	S	S	×
Chrome door handles	×	×	S
Body-color bumpers	S	S	S
Rear roof spoiler	S	S	S
WHEELS & TIRES			
18-inch aluminum alloy wheels	S	S	S
P235/60 R18 H-rated all-season tires	S	S	S
Temporary spare tire	S	S	S
LIGHTING			
Halogen headlamps	S	S	×
Xenon headlamps HID	×	×	S
Auto on/off headlights	×	×	S
Fog lamps	□†	□	S
WINDOWS / MIRROR			
Privacy tint rear glass	S	S	S
Power windows with driver and passenger one touch open/close feature	S	S	S
Variable intermittent windshield wipers	S	S	S
Rear window variable intermittent wiper & washer	S	S	S
Power side view mirrors	S	S	S
Heated side view mirrors	×	×	S
Body-color folding side view mirrors	×	×	S
Power-sliding glass moonroof with sunshade with one touch open/close	P	P	P

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† Fog Lamps, require the purchase of the 8-way Power Seat and Lumbar Adjustment.

Interior Features

2007 CX-7

Sport

Touring

Grand Touring

SEATING

5-passenger seating capacity	S	S	S
Cloth-trimmed seats	S	X	X
Leather-trimmed seats	X	S	X
Grand Touring leather-trimmed seats with sport stripes	X	X	S
6-way manual adjustable driver's seat	S	X	X
8-way power adjustable driver's seat	□	S	S
Adjustable driver's seat lumbar support	□	S	S
Heated front seats	X	S	S
Reclining front bucket seats with adjustable headrests	S	S	S
60 / 40 split fold-down rear seatbacks with one touch remote operation	S	S	S
Rear seat center armrest	S	S	S
Adjustable rear headrests for outboard seating positions	S	S	S

TRIM

3-spoke steering wheel with cruise and audio controls	S	S	S
Leather-wrapped steering wheel	X	S	S
Steering wheel with piano black spokes	X	X	S
Bright finish interior trim	X	X	S
Shift knob - leather wrapped	X	S	S
Carpeted front & rear floor mats	S	S	S

AUDIO / ENTERTAINMENT SYSTEMS

4-speaker AM/FM/CD audio system with Automatic Level Control	S	S	S
6-disc CD changer	P / R	P / R	P / R
SIRIUS Satellite radio-ready audio head-unit	S	S	S
9-speaker, Bose® Centerpoint® surround system 240 watt with AudioPilot®	P	P	P
DVD navigation system with voice command & touch screen	P	P	P
Roof-mounted antenna	S	S	S

INSTRUMENTATION

Gauges: tachometer, speedometer, fuel level, and coolant temp.	S	S	S
Dual trip odometers	S	S	S
Ambient temperature display	X	X	S
Electroluminescent gauges	X	X	S

Interior Features

2007 CX-7

	Sport	Touring	Grand Touring
Indirect blue illumination	X	X	S
Rear-view camera using with 7-inch screen	P	P	P

COMFORT & CONVENIENCE

Power windows with driver and passenger one touch open/close feature	S	S	S
Power side view mirrors	S	S	S
Auto on/off headlights	X	X	S
Automatic climate control	X	X	S
Tilt steering wheel	S	S	S
CFC-free air conditioning with cabin filter	S	S	S
Rear window defogger	S	S	S
Power door locks with 2-stage unlocking	S	S	S
Passenger assist grip	S	S	S
Front door storage pockets with bottle holders	S	S	S
Front driver-side seatback map pocket	S	S	S
Retractable cargo cover	P	S	S
Dual front cupholders	S	S	S
Dual rear cup holders	S	S	S
Dual covered visor vanity mirrors	S	S	S
Visor extensions	S	S	S
Cruise control with steering-wheel-mounted controls	S	S	S
Driver-side footrest	S	S	S
Glove compartment	S	S	S
Locking center storage console	S	S	S

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

2007 CX-7



Safety & Security

2007 CX-7

Sport

Touring

Grand Touring

SAFETY

Dual front air bags (SRS)*	S	S	S
Front side impact air bags	S	S	S
Front / rear side-impact air curtains with rollover 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
Tire pressure monitoring system	S	S	S
Side-impact door beams	S	S	S
Front & rear crumple zones	S	S	S
LATCH rear child safety-seat lower anchors & upper tethers	S	S	S
Fold-away brake pedal assembly	S	S	S
Rear-view camera using with 7-inch screen	P	P	P

SECURITY

Engine immobilizer anti-theft system	S	S	S
Illuminated keyless entry w/ panic button	S	S	S
Anti-theft perimeter alarm	P	P	P
MAZDA Advanced Keyless Entry & Start System	P	P	P

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

Options & Accessories

2007 CX-7

Sport

Touring

Grand Touring

OPTION PACKAGES

Moonroof, Bose Audio, 6CD Changer 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 changer 			
Technology Package	□	□	□
<ul style="list-style-type: none"> Moonroof, Bose Audio, 6CD Changer Package DVD navigation system with voice command & touch screen MAZDA Advanced Keyless Entry & Start System Rearview camera Perimeter alarm 			
Preferred Equipment Package:	□	□	□
<ul style="list-style-type: none"> Cargo net Cargo tray Rear bumper step guard Retractable cargo cover (Std. on Touring, Grand Touring) Wheel locks 			

OPTIONS & ACCESSORIES

Active Torque-Split All-Wheel Drive	□	□	□
8-way power adjustable driver's seat adjustable driver's seat lumbar support	□	Ⓢ	Ⓢ
Retractable cargo cover	P / A	Ⓢ	Ⓢ
Rear bumper step guard	P / A	P / A	P / A
Cargo net	P / A	P / A	P / A
Cargo tray	P / A	P / A	P / A
6-disc CD changer	P / A	P / A	P / A
SIRIUS satellite radio accessory receiver kit	A	A	A
DVD entertainment system (delayed availability)	A	A	A
Remote engine start	A	A	A
Auto-dimming mirror with compass	A	A	A
Auto-dimming mirror with compass and Homelink®	A	A	A
Front and rear splash guards	A	A	A
Moonroof wind deflector	A	A	A
Fog lamps	□ †	□	Ⓢ
All-weather floor mats	A	A	A
Trailer receiver hitch, Class II and jumper harness	A	✗	✗
Trailer receiver hitch, Class II	A	A	A
Wheel locks	A	A	A

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* In addition to carpeted mats on LX Plus Package-equipped and ES models
 † Fog Lamps, require the purchase of the 8-way Power Seat and Lumbar Adjustment.

Specifications

2007 CX-7

Sport

Touring

Grand Touring

ENGINE & ELECTRICAL

Engine type	2.3L Direct Injection Spark Ignition (DISI) turbocharged inline 16-valve 4-cylinder
Horsepower, SAE net	244 @ 5000 rpm
Torque, SAE net	258 @ 2500 rpm
Redline	6700 rpm
Displacement (cubic inches / cc)	137.9 / 2260
Bore x stroke (inches)	3.44 x 3.70
Compression ratio	9.5:1
Fuel system	Electronically Controlled Direct Injection
Required fuel	Premium (91 Octane)
Valvetrain	Dual overhead cam, 4 valves per cylinder, camshaft chain, variable valve timing
Engine block	Aluminum alloy
Cylinder heads	Aluminum alloy
Emission control	3-Way Catalytic Converter
Ignition system	Full Transistor Breakerless Ignition
Alternator	12V - 110 amp
Battery	55D23L
Starter	12V:1.4kw

DRIVETRAIN

Type	FWD or Active Torque-Split All-Wheel Drive
Transmission:	6-Speed electronically controlled Sport AT automatic
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 3.749

CHASSIS

Body type	5 passenger, SUV, monocoque unibody with Triple-H construction
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Specifications

2007 CX-7

		Sport	Touring	Grand Touring
Suspension	Front	<i>Independent MacPherson strut type coil spring and stabilizer bar</i>		
	Rear	<i>Independent multi-link type coil spring and stabilizer bar</i>		
Shock absorbers		<i>Twin-Tube, Telescopic-type, double acting</i>		
Steering type		<i>Power rack-and-pinion with variable assist</i>		
Power assist		<i>Engine-rpm sensitive; variable hydraulic power assist steering</i>		
Steering wheel turns lock-to-lock			2.9	
Overall steering ratio			15.8:1	
Turning diameter, curb-to-curb (feet)			37.4	
Braking system		<i>Power assist (4-wheel, 4-sensor, 4-channel Dynamic Stability Control (DSC)+Electronic Brake force Distribution (EBD)) and Brake Assist</i>		
Brake calipers & discs	Front	<i>Dual piston; 11.6" X 1.1" ventilated discs</i>		
	Rear	<i>Single piston; 11.9"X 0.7" ventilated discs</i>		
Parking brake		<i>Mechanical (foot type)</i>		
Wheels		<i>18 x 7.5J aluminum alloy wheel</i>		
Tires		<i>P235/60 R18 H-rated all-season</i>		
Tire inflation pressure (f&r)			32 psi	
Temporary spare tire			T155/90 D18	
EPA curb weight (lbs)	FWD		3,710	
	4WD		3,929	

ESTIMATED FUEL ECONOMY

EPA Mileage (city / highway)	2WD AT	19 / 24 estimated
	4WD AT	18 / 24 estimated

CAPACITIES

Engine oil (U.S. quarts)	6.0
Engine coolant (U.S. quarts)	9.4
Washer fluid tank (U.S. quarts)	2.6
Fuel tank capacity (gallons)	18.2
Towing capacity (lbs.)	2000

EXTERIOR DIMENSIONS (inches unless otherwise noted)

Wheelbase	108.3
Length w/o license plate holder	184

Specifications

2007 CX-7

		Sport	Touring	Grand Touring
Track	Front		63.7	
	Rear		63.5	
Width			73.7	
Height w/o roof rails			64.8	
Minimum ground clearance, unladen			8.1	
Coefficient of drag (cd)			0.34	

INTERIOR DIMENSIONS (inches unless otherwise noted)

EPA Passenger Volume (cubic feet)	w/o moonroof		101.7
	w/ moonroof		98.8
Cargo volume (cubic feet)	Rear seatbacks up		29.9
	Rear seatbacks down		58.6
EPA Vehicle Size Category			<i>Special Purpose Vehicle</i>
Head room w/o moonroof	Front		39.7
	Rear		39.3
Head room w/ moonroof	Front		38.2
	Rear		38.6
Leg room	Front		41.7
	Rear		36.4
Shoulder room	Front		58.0
	Rear		55.8
Hip room	Front		54.8
	Rear		53.0

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