

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

2007 CX-7



Summary

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	O	O	O
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	--	--	S
Fog lamps	O†	O	S
Heated side view mirrors	--	--	S
Body-color folding side view mirrors	--	--	S
Body-color door handles	S	S	--
Chrome door handles	--	--	S
Rear spoiler	S	S	S

INTERIOR FEATURES

5-passenger seating capacity	S	S	S
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Summary

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	Sport	Touring	Grand Touring
MSRP starting at	\$24,345*	\$26,095*	\$26,895*
Cloth-trimmed seats	S	--	--
Leather-trimmed seats	--	S	--
Grand Touring leather-trimmed seats with sport stripes	--	--	S
6-way manual adjustable driver's seat	S	--	--
8-way power adjustable driver's seat with adjustable lumbar support	O	S	S
Heated front seats	--	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	--	--	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	--	--	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
Illuminated keyless entry w/ panic button	S	S	S

OPTION PACKAGES

Moonroof, Bose Audio, 6CD Changer Package <ul style="list-style-type: none"> ● Power sliding glass moonroof with interior sunshade ● Bose[®] CENTERPOINT[®] Surround S system with AudioPilot[®] ● 9 speakers ● In-dash 6-disc CD changer 	O	O	O
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 	O	O	O

2007 CX-7



Summary

2007 CX-7

	Sport	Touring	Grand Touring
MSRP starting at	\$24,310*	\$26,060*	\$26,860*
Preferred Equipment Package:	0	0	0
• 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.

2007 CX-7



Mechanical Features

2007 CX-7

Sport Touring Grand Touring

ENGINE

Turbocharged 2.3L DISI DOHC 16-valve inline-4	S	S	S
Intercooler	S	S	S
Direct Injection Spark Ignition (DISI)	S	S	S
Aluminum head and block	S	S	S

DRIVETRAIN

6-speed Sport automatic transmission	S	S	S
Front wheel drive	S	S	S
Active Torque-Split All-Wheel Drive	O	O	O
Tire Pressure Monitor	S	S	S

STEERING

Rack-and-pinion	S	S	S
Engine-speed-sensing variable power assist	S	S	S

FRONT SUSPENSION

MacPherson strut design	S	S	S
Stabilizer bar	S	S	S
Six-point perimeter subframe	S	S	S

REAR SUSPENSION

Multi-link design	S	S	S
Coil springs	S	S	S
Stabilizer bar	S	S	S

HANDLING SYSTEMS

Dynamic Stability Control (DSC)	S	S	S
Traction Control System (TCS)	S	S	S

BRAKES

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2007 CX-7



Mechanical Features

2007 CX-7

	Sport	Touring	Grand Touring
4-wheel ventilated disc brakes	S	S	S
Anti-lock Brake System (ABS)	S	S	S
Brake Assist (BA)	S	S	S
Electronic Brakeforce Distribution (EBD)	S	S	S

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2007 CX-7



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	O†	O	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.

2007 CX-7



Interior Features

2007 CX-7

Sport Touring Grand Touring

SEATING

	Sport	Touring	Grand Touring
5-passenger seating capacity	S	S	S
Cloth-trimmed seats	S	--	--
Leather-trimmed seats	--	S	--
Grand Touring leather-trimmed seats with sport stripes	--	--	S
6-way manual adjustable driver's seat	S	--	--
8-way power adjustable driver's seat	O	S	S
Adjustable driver's seat lumbar support	O	S	S
Heated front seats	--	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

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

AUDIO / ENTERTAINMENT SYSTEMS

	Sport	Touring	Grand Touring
4-speaker AM/FM/CD audio system with Automatic Level Control	S	S	S
6-disc CD changer	P / A	P / A	P / A
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

2007 CX-7



Interior Features

2007 CX-7

	Sport	Touring	Grand Touring
Gauges: tachometer, speedometer, fuel level, and coolant temp.	S	S	S
Dual trip odometers	S	S	S
Ambient temperature display	--	--	S
Electroluminescent gauges	--	--	S
Indirect blue illumination	--	--	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	--	--	S
Automatic climate control	--	--	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	A	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.

2007 CX-7



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 	O	O	O
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 	O	O	O
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 	O	O	O

OPTIONS & ACCESSORIES

Active Torque-Split All-Wheel Drive	O	O	O
8-way power adjustable driver's seat adjustable driver's seat lumbar support	O	S	S
Retractable cargo cover	P / A	S	S
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	O†	O	S
All-weather floor mats	A	A	A

2007 CX-7



Options & Accessories

2007 CX-7

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

DRIVETRAIN

Type	<i>FWD or Active Torque-Split All-Wheel Drive</i>	
Transmission:	<i>6-Speed electronically controlled Sport AT automatic</i>	
Ratios (:1)	1st	<i>4.148</i>
	2nd	<i>2.370</i>
	3rd	<i>1.555</i>
	4th	<i>1.154</i>
	5th	<i>0.859</i>
	6th	<i>0.685</i>
	Reverse	<i>3.393</i>
	Final drive	<i>3.749</i>

2007 CX-7



Specifications

2007 CX-7

Sport

Touring

Grand Touring

CHASSIS

Body type		<i>5 passenger, SUV, monocoque unibody with Triple-H construction</i>
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

2007 CX-7



Specifications

2007 CX-7

Sport

Touring

Grand Touring

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
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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