



CX-7 AT A GLANCE



ENGINE & DRIVETRAIN CHOICES

- 161-hp, 2.5L engine with 5-speed Sport automatic transmission and front-wheel drive (i trim)
- 244-hp†, 2.3L turbocharged engine with 6-speed Sport automatic transmission and front- or all-wheel drive (s trim)

FUEL EFFICIENCY

- 20/26 mpg (i FWD)‡
- 18/24 mpg (s FWD)‡‡
- 17/21 mpg (s AWD)‡‡

AVAILABLE FEATURES

Available automatic climate control, Bose® audio, Bluetooth® hands-free phone and audio capability**, compact navigation system and the perfect combination of car-like handling and SUV utility

SAFETY FEATURES

Standard safety features include advanced front air bags, front side-impact air bags, side-impact air curtains††, Dynamic Stability Control (DSC)‡‡ and Tire-Pressure Monitoring System (TPMS). A Blind Spot Monitoring (BSM) System*** is available on select models.

2012 CX-7	CX-7 i			CX-7 s	
	SV	Sport	Touring	Touring	Grand Touring
Engine					
Engine type	2.5-liter DOHC 16-valve 4-cylinder with VVT			2.3L DOHC 16-valve DISI turbocharged 4-cylinder with VVT	
Horsepower	161 hp @ 6000 rpm			244 hp @ 5000 rpm†	
Torque	161 lb-ft @ 3500 rpm			258 lb-ft @ 2500 rpm†	
Redline	6500 rpm			6700 rpm	
Displacement (cc)	2488			2260	
Bore x stroke (mm)	89.0 x 100.0			87.5 x 94.0	
Compression ratio	9.7:1			9.5:1	
Fuel system	Electronically controlled multiport fuel injection			Direct-Injection Spark Ignition (DISI)	
Recommended fuel	Regular unleaded			Premium unleaded (91 octane)	
Valvetrain	Chain-driven dual overhead cams, 4 valves per cylinder with variable intake valve timing (VVT)				
Ignition system	Direct coil-on-plug electronic ignition with platinum-tipped spark plugs				
Engine block	Aluminum alloy				
Cylinder head	Aluminum alloy				
Fuel Economy					
Front-wheel drive (city/hwy)	20/26‡			18/24‡‡	
All-wheel drive (city/hwy)	--			17/21‡‡	
Drivetrain					
Type	Front-wheel drive (FWD)			Front-wheel drive (FWD) or Active Torque Split All-Wheel Drive (AWD)	
Automatic transmission	5-speed Sport with Adaptive Shift Logic and manual-shift mode			6-speed Sport with Adaptive Shift Logic and manual-shift mode	
Chassis					
Brakes	4-wheel disc				
- Front	11.7-inch vented disc				
- Rear	11.9-inch vented disc				
- ABS	4-wheel, 4-channel with Electronic Brakeforce Distribution (EBD) and Brake Assist				
Steering type	Rack-and-pinion				
Power assist	Engine-speed-sensitive variable power assist				
Overall steering ratio	15.8:1				
Steering wheel turns, lock-to-lock	2.9				

Suspension	4-wheel independent		
- Front	MacPherson strut with stabilizer bar		
- Rear	Multilink with stabilizer bar		
Wheel size (in)	17 x 7.0	18 x 7.5	19 x 7.5
Tire size	P215/70R17 all-season radial	P235/60R18 all-season radial	P235/55R19 all-season radial
Weights & Capacities			
Curb weight (lbs)			
- FWD	3496		3787
- AWD	--		4001
Towing capacity (lbs)	1500		2000
Fuel capacity (gallons)	16.4		18.2

2012 CX-7



Exterior

S standard
 O option
 A accessory
 -- not available

2012 CX-7	CX-7 i			CX-7 s	
	SV	Sport	Touring	Touring	Grand Touring
Body					
Halogen headlights	S	S	S	S	--
Xenon High-Intensity-Discharge (HID) low-beam headlights with auto on/off feature	--	--	--	--	S
Halogen fog lights	--	--	--	--	S
Variable-intermittent windshield wipers	S	S	S	S	--
Rain-sensing windshield wipers	--	--	--	--	S
Intermittent rear wiper/washer	S	S	S	S	S
Power sliding-glass moonroof with one-touch-open feature and interior sunshade	--	O	S	O	S
Dual power side mirrors	S	S	S	S	--
Dual power side mirrors with side marker turn-signal lights	--	--	--	--	S
Heated side mirrors	--	--	--	--	S
Body-color door handles	S	S	S	S	--
Chrome door handles	--	--	--	--	S
Roof-mounted antenna	S	S	S	S	S
Rear privacy glass	--	S	S	S	S
Roof-mounted spoiler	S	S	S	S	S
Single exhaust outlet with chrome tip	S	S	S	--	--
Dual exhaust outlets with chrome tips	--	--	--	S	S
Wheels & Tires					
17-inch aluminum-alloy wheels	S	S	S	--	--
18-inch aluminum-alloy wheels	--	--	--	S	--
19-inch aluminum-alloy wheels	--	--	--	--	S
P215/70R17 all-season radial tires	S	S	S	--	--
P235/60R18 all-season radial tires	--	--	--	S	--
P235/55R19 all-season radial tires	--	--	--	--	S
Temporary spare tire	S	S	S	S	S
Exterior Dimensions					
Wheelbase (in)	108.3				
Track, front (in)	64.1			63.7	
Track, rear (in)	63.9			63.5	
Length (in)	184.3				
Width (in)	73.7				
Height w/o roof rails (in)	64.8				
Minimum ground clearance (in) - (unladen)	8.1			8.2	

2012 CX-7



Interior

■ standard
 □ option
 ■ accessory
 -- not available

2012 CX-7	CX-7 i			CX-7 s	
	SV	Sport	Touring	Touring	Grand Touring
Comfort & Convenience					
Air conditioning with pollen filter	■	■	--	■	--
Automatic climate control with pollen filter	--	□	■	□	■
Power windows with driver's one-touch down/up feature	■	■	■	■	■
Power door locks with 2-stage unlocking	■	■	■	■	■
Cruise control with steering-wheel-mounted controls	■	■	■	■	■
Bluetooth® hands-free phone and audio capability**	--	■	■	■	■
Back-up camera†††	--	□	■	□	■
Remote keyless entry with retractable key	■	■	■	■	--
Mazda Advanced Keyless Entry & Start System	--	--	--	--	■
Auto-dimming rearview mirror with HomeLink®	--	--	--	--	■
Illuminated entry	■	■	■	■	■
Illuminated visor vanity mirrors	■	■	■	■	■
Tilt & telescopic steering wheel	■	■	■	■	■
Height-adjustable front shoulder-belt anchors	■	■	■	■	■
12-volt power outlets (2)	■	■	■	■	■
Remote fuel-door release	■	■	■	■	■
Rear window defogger with timer	■	■	■	■	■
Storage					
Lockable center console with upper and lower storage compartments	■	■	■	■	■
Dual front cup holders	■	■	■	■	■
Front seatback pockets	■	■	■	■	■
Front door storage pockets with bottle holders	■	■	■	■	■
Rear center armrest with cup holders	■	■	■	■	■
Rear door bottle holders	■	■	■	■	■
Retractable cargo cover	--	--	--	■	■
Cargo area under-floor storage	■	■	■	■	■
Seating & Trim					
5-passenger seating	■	■	■	■	■
6-way manual driver's seat	■	■	--	--	--
8-way power driver's seat with adjustable lumbar support	--	□	■	■	■
4-way manual front passenger seat	■	■	■	■	--
4-way power front passenger seat	--	--	--	--	■
60/40 split fold-down rear seatback	■	■	■	■	■
Driver's seat memory	--	--	--	--	■
Heated front seats	--	□	■	■	■
Cloth-trimmed seats	■	■	--	--	--
Leather-trimmed seats	--	--	■	■	■
Leather-wrapped steering wheel	--	■	■	■	■
Leather-wrapped shift knob	--	■	■	■	■
Piano Black and silver accents	--	--	--	--	■
Carpet floor mats	■	■	■	■	■
Audio & Navigation					
AM/FM/CD/MP3-compatible stereo with 4 speakers	■	■	--	■	--
Bose® Centerpoint® Surround Sound System with AudioPilot®, AM/FM stereo, in-dash 6-disc CD/MP3-compatible changer and 9 speakers	--	--	■	□	■
SiriusXM Satellite Radio-compatible audio system†††	■	■	■	■	■
SiriusXM Satellite Radio with 4-month subscription	□	□	■	□	■
Auxiliary-audio input jack	■	■	■	■	■
Steering-wheel-mounted audio controls	■	■	■	■	■
Bluetooth® hands-free phone and audio capability**	--	■	■	■	■
Compact navigation system with color display	--	--	--	--	■

Instrumentation

Speedometer, tachometer, coolant temperature and fuel gauge	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Electroluminescent gauges	--	--	--	--	Ⓢ
Dual trip odometers	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Center instrument panel display (air conditioning, audio and clock)	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Trip computer	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ
Multi-Information Display (MID)	Ⓢ	Ⓢ	--	Ⓢ	--
Color Multi-Information Display (MID)	--	□	Ⓢ	□	Ⓢ

Interior Dimensions & Capacities

Headroom, front/rear without moonroof (in)			39.7/39.3		
Headroom, front/rear with moonroof (in)	--		38.2/38.6		
Shoulder room, front/rear (in)			58.0/55.8		
Hip room, front/rear (in)			54.8/53.0		
Legroom, front/rear (in)			41.7/36.4		
EPA passenger volume without moonroof (cu ft)		101.7	--	101.7	--
EPA passenger volume with moonroof (cu ft)	--		98.8		
EPA cargo volume rear seat down (cu ft)			58.6		
EPA cargo volume rear seat up (cu ft)			29.9		



S standard
 O option
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 -- not available

2012 CX-7	CX-7 i			CX-7 s	
	SV	Sport	Touring	Touring	Grand Touring
Safety					
Advanced front air bags†† with seat belt-use, passenger-weight and driver's seat-position sensors	S	S	S	S	S
Front side-impact air bags and side-impact air curtains†† with rollover protection	S	S	S	S	S
3-point seat belts for all seating positions	S	S	S	S	S
Front seat-belt pretensioners with force limiters	S	S	S	S	S
Active front headrests	S	S	S	S	S
Anti-lock Brake System (ABS) w/ Electronic Brakeforce Distribution (EBD) & Brake Assist	S	S	S	S	S
Dynamic Stability Control (DSC)‡‡ and Traction Control System (TCS)	S	S	S	S	S
Triple H body construction	S	S	S	S	S
Side-impact door beams	S	S	S	S	S
Collapsible steering column	S	S	S	S	S
Foldaway brake pedal assembly	S	S	S	S	S
Security					
Blind Spot Monitoring (BSM) System***	--	--	--	--	S
Engine-immobilizer anti-theft system	S	S	S	S	S
Anti-theft alarm system	--	--	--	--	S
Keyless remote panic button (on key fob)	S	S	S	S	S
Tire-Pressure Monitoring System (TPMS)	S	S	S	S	S
LATCH child-safety-seat anchors & upper tether anchors	S	S	S	S	S
Child-safety rear door locks	S	S	S	S	S

2012 CX-7

Packages & Options



■ standard
 ■ option
 ■ accessory
 -- not available

2012 CX-7	CX-7 i			CX-7 s	
	SV	Sport	Touring	Touring	Grand Touring
Packages & Options					
Convenience Package - Power sliding-glass moonroof with one-touch-open feature and interior sunshade - Automatic climate control with pollen filter - 8-way power driver's seat - Heated front seats - Multi-Information Display (MID) with back-up camera†††	--	■	--	--	--
Touring Technology Package - Power sliding-glass moonroof with one-touch-open feature and interior sunshade - Automatic climate control with pollen filter - Bose® Centerpoint® Surround Sound System with AudioPilot®, AM/FM stereo, in-dash 6-disc CD/MP3-compatible changer and 9 speakers - SiriusXM Satellite Radio with 4-month subscription - Multi-Information Display (MID) with back-up camera†††	--	--	--	■	--
Crystal White Pearl Mica Paint	■	■	■	■	■
Audio & Entertainment					
SiriusXM Satellite Radio with 4-month subscription	■ / ■	■ / ■	■	■ / ■****	■
DVD entertainment system	■ / ■	■ / ■	■ / ■	■ / ■	■ / ■
Exterior					
Fog lights	■ / ■	■ / ■	■ / ■	■ / ■	■
Splash guards (front and rear)	■ / ■	■ / ■	■ / ■	■ / ■	■ / ■
Moonroof wind deflector	--	■ / ■	■ / ■	■ / ■	■ / ■
Scuff plates	■ / ■	■ / ■	■ / ■	■ / ■	■ / ■
Rear bumper guard	■ / ■	■ / ■	■ / ■	■ / ■	■ / ■
Rear spoiler	■ / ■	■ / ■	■ / ■	■ / ■	■ / ■
Towing receiver hitch (Class II)	■ / ■	■ / ■	■ / ■	■ / ■	■ / ■
Wheel locks (set of 4)	■ / ■	■ / ■	■ / ■	■ / ■	■ / ■
Interior					
Remote engine start	■ / ■	■ / ■	■ / ■	■ / ■	■ / ■
All-weather floor mats	■ / ■	■ / ■	■ / ■	■ / ■	■ / ■
Back-up camera†††	■ / ■	■ / ■††††	■	■ / ■****	■
Compass auto-dimming rearview mirror	■ / ■	■ / ■	■ / ■	■ / ■	--
Compass auto-dimming rearview mirror with HomeLink®	■ / ■	■ / ■	■ / ■	■ / ■	■
Retractable cargo cover	■ / ■	■ / ■	■ / ■	■ / ■	■
Cargo net	■ / ■	■ / ■	■ / ■	■ / ■	■ / ■
Cargo tray	■ / ■	■ / ■	■ / ■	■ / ■	■ / ■

Warranty

Every new Mazda comes with a comprehensive limited warranty that provides coverage in the unlikely event a repair is needed in the first years after your vehicle's purchase. We'll be right there with you all the time, wherever you go by providing warranty coverage and roadside assistance so that the total enjoyment of driving a Mazda never stops.

2012 Mazda Vehicles:
Mazda Limited Warranty Coverage:

3-year/36,000-mile*	"Bumper-to-Bumper" Limited Warranty
5-year/60,000-mile*	Limited Powertrain Warranty
3-year/36,000-mile*	24/7 Roadside Assistance Program

*Whichever comes first.

BUMPER-TO-BUMPER LIMITED WARRANTY

Mazda warrants that new Mazda cars and trucks will be free of defects with normal use and prescribed maintenance for 36 months or 36,000 miles, whichever comes first. Ordinary maintenance items or adjustments, parts subject to normal wear and replacement and certain other items are excluded. This transferable "limited warranty" is included on all new Mazda vehicles sold and serviced in the United States.

POWERTRAIN LIMITED WARRANTY

Mazda warrants that the [Powertrain Components](#) of new Mazda cars and trucks will be free of defects with normal use and prescribed maintenance for 60 months or 60,000 miles, whichever comes first. Ordinary maintenance items or adjustments, parts subject to normal wear and replacement and certain other items are excluded. This "limited warranty" is transferable during the warranty period on all new Mazda vehicles sold and serviced in the United States.

24/7 ROADSIDE ASSISTANCE

If Mazda vehicle is not driveable due to a warranted part failure during the coverage period of the New Vehicle Limited Warranty (36 months/36,000 miles), towing service will be covered to the nearest Mazda Dealer. In addition, if a Mazda vehicle is not driveable due to the failure of a warranted powertrain component, then towing service will be covered during the coverage period of the Powertrain Limited Warranty (60 months/60,000 miles).

Call 1-800-866-1998



Or [download](#) the free Mazda Assist mobile app to your iPhone®*.
* iPhone is a registered trademark of Apple Computer, Inc.

† Based on use of premium unleaded fuel.

‡ EPA-estimated mileage. Actual results may vary.

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

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

‡‡ 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.

*** Do not rely completely on the BSM system and be sure to look over your shoulder before changing lanes. The BSM system can assist the driver in confirming the safety of the surrounding but is not a complete substitute. The driver is responsible for assuring lane changes and other maneuvers. Always pay attention to the direction in which the vehicle is traveling and the vehicle's surroundings. The BSM system does not operate when the vehicle speed is lower than about 20 mph (32 km/h).

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

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

**** Not available with Touring Technology Package.

†††† Not available with Convenience Package.