

2011 CX-7



Engine & Mechanical

S standard
 O option
 A accessory
 = not available

2011 CX-7	CX-7 i			CX-7 s	
	SV	Sport	Touring	Touring	Grand Touring



CX-7 at a Glance:



ENGINE and 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

- 20/28 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)††, Blind Spot Monitoring (BSM) System*** and Tire-Pressure Monitoring System (TPMS)

2011 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)	20/28‡			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	

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Exterior

S standard
 □ option
 R accessory
 — not available

2011 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	—	□	S	□	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

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Interior

S standard **D** option **R** accessory **--** not available

2011 CX-7	CX-7 i			CX-7 s	
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Comfort & Convenience					
Air conditioning with pollen filter	S	S	--	S	--
Automatic climate control with pollen filter	--	D	S	D	S
Power windows with driver's one-touch down/up feature	S	S	S	S	S
Power door locks with 2-stage unlocking	S	S	S	S	S
Cruise control with steering-wheel-mounted controls	S	S	S	S	S
Bluetooth® hands-free phone and audio capability**	--	S	S	S	S
Back-up camera†††	--	D	S	D	S
Remote keyless entry with retractable key	S	S	S	S	--
Mazda Advanced Keyless Entry & Start System	--	--	--	--	S
Auto-dimming rearview mirror with HomeLink®	--	--	--	--	S
Illuminated entry	S	S	S	S	S
Illuminated visor vanity mirrors	S	S	S	S	S
Tilt & telescopic steering wheel	S	S	S	S	S
Height-adjustable front shoulder-belt anchors	S	S	S	S	S
12-volt power outlets (2)	S	S	S	S	S
Remote fuel-door release	S	S	S	S	S
Rear window defogger with timer	S	S	S	S	S
Storage					
Lockable center console with upper and lower storage compartments	S	S	S	S	S
Dual front cup holders	S	S	S	S	S
Front seatback pockets	S	S	S	S	S
Front door storage pockets with bottle holders	S	S	S	S	S
Rear center armrest with cup holders	S	S	S	S	S
Rear door bottle holders	S	S	S	S	S
Retractable cargo cover	--	--	--	S	S
Cargo area under-floor storage	S	S	S	S	S
Seating & Trim					
5-passenger seating	S	S	S	S	S

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® 2, AM/FM stereo, in-dash 6-disc CD/MP3-compatible changer and 9 speakers	—	—	Ⓢ	□	Ⓢ
SIRIUS Satellite Radio-compatible audio system†††	Ⓢ	Ⓢ	Ⓢ	Ⓢ	Ⓢ
SIRIUS Satellite Radio with free 6-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			

Safety

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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	=	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

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Packages & Options

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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†††	=	O	=	=	=
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® 2, AM/FM stereo, in-dash 6-disc CD/MP3-compatible changer and 9 speakers - SIRIUS Satellite Radio with free 6-month subscription - Multi-Information Display (MID) with back-up camera†††	=	=	=	O	=
Crystal White Pearl Mica Paint	O	O	O	O	O
Audio & Entertainment					
SIRIUS Satellite Radio with free 6-month subscription	O / R	O / R	O / R	O / R ****	S
DVD entertainment system	O / R	O / R	O / R	O / R	O / R
Exterior					
Fog lights	O / R	O / R	O / R	O / R	S
Splash guards (front and rear)	O / R	O / R	O / R	O / R	O / R
Moonroof wind deflector	=	O / R	O / R	O / R	O / R
Scuff plates	O / R	O / R	O / R	O / R	O / R
Rear bumper guard	O / R	O / R	O / R	O / R	O / R
Rear spoiler	O / R	O / R	O / R	O / R	O / R
Towing receiver hitch (Class II)	O / R	O / R	O / R	O / R	O / R
Wheel locks (set of 4)	O / R	O / R	O / R	O / R	O / R
Interior					
Remote engine start	O / R	O / R	O / R	O / R	O / R
All-weather floor mats	O / R	O / R	O / R	O / R	O / R

Back-up camera†††	□ / A	□ / A††††	S	□ / A****	S
Compass auto-dimming rearview mirror	□ / A	□ / A	□ / A	□ / A	—
Compass auto-dimming rearview mirror with HomeLink®	□ / A	□ / A	□ / A	□ / A	S
Retractable cargo cover	□ / A	□ / A	□ / A	S	S
Cargo net	□ / A	□ / A	□ / A	□ / A	□ / A
Cargo tray	□ / A	□ / A	□ / A	□ / A	□ / A

† 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.

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

**** Not available with Touring Technology Package.

†††† Not available with Convenience Package.