



2011 MY Mazda CX-7 SPECIFICATION DECK

ISSUED DATE: 10/05/10
REVISED DATE:

PRODUCTION TIMING:

Job # 1: October 2010

LINEUP:

CX-7 *i* SV FWD
CX-7 *i* Sport FWD
CX-7 *i* Touring FWD
CX-7 *s* Touring FWD & AWD
CX-7 *s* Grand Touring FWD & AWD

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2011 MAZDA CX-7 PRODUCT CHANGES

OVERVIEW

MODEL / SERIES / AVAILABILITY

- Added new 2.5L i Touring model to the CX-7 lineup

EXTERIOR CHANGES

Added

- None

Deleted

- None

NEW PACKAGE / OPTION CHANGES

Added

- None

Deleted

- None

FUNCTIONAL CHANGES

- F/E on 2.3L models
 - 1 MPG Hwy decline on 2WD
 - 2 MPG Hwy decline on AWD

INTERIOR CHANGES

Added

New i Touring Model Std Equipment (over Sport)

- 8-way power adjustable driver's seat with manual lumbar support
- Driver and front passenger heated seats
- Leather trimmed seat upholstery
- Color Multi-Information Display (MID) with Rear View Camera
- In-dash 6-CD changer
- Power glass moonroof
- Automatic Climate Control
- Bose with SIRIUS

Deleted

- Auto up/down passenger window function deleted
- Global open/close function deleted
- Driver's side passenger power window indicator lamp

COLOR & TRIM

- None

SAFETY CHANGES

- None

2011 Mazda CX-7 PRODUCT SUMMARY

The following equipment is standard as indicated. Each series includes the standard equipment of the previous series, except where additions / exceptions are noted.

<i>i SV</i>	<i>i Sport</i> <small>(changes over SV)</small>	<i>i Touring</i> <small>(changes over Sport)</small>	<i>s Touring</i> <small>(changes over Sport)</small>	<i>s Grand Touring</i> <small>(changes over Touring)</small>
<p>Functional / Powertrain</p> <ul style="list-style-type: none"> 2.5L Normally Aspirated Engine 161 HP @ 6000 rpm 161 lb-ft Torque @ 3500 rpm 5-Speed Sport AT ABS with Electronic Brakeforce Distribution (EBD) and Brake Assist Front Wheel Drive (FWD) Dynamic Stability Control (DSC) Traction Control System (TCS) Tire pressure monitor Four wheel ventilated disc brakes Cruise Control <p>Exterior</p> <ul style="list-style-type: none"> 17" Alloy Wheels 215/70R17 all season tires Non - Privacy-tint rear glass Halogen headlights Power side view mirrors Body color side mirrors Body color door handles Single stainless steel exhaust outlet Roof Spoiler Variable intermittent windshield wipers <p>Interior</p> <ul style="list-style-type: none"> Tilt/Telescoping Steering Wheel MID Dot Display Trip Computer AM / FM / CD audio with Automatic Level Control (ALC), MP3 capability & digital clock 4 - speaker sound system (door mounted speakers) Aux In - Auxillary Audio Input jack Power Windows with One-Touch Auto Open/Close Front Driver-Side Window Cloth seats w/front seatback map pockets Center console armrest with lockable multifunction storage compartment Carpeted floor mats Illuminated vanity mirrors Power door locks Keyless entry with retractable key Air Conditioning - manual 5 passenger seating capacity 12 volt power outlet (2) Adjustable outboard rear seat headrests Black gauge faces with white lettering Center instrument panel display (audio and clock) Front cup holders (2) Front door storage pockets w/ bottle holders Rear cup holders (2) 6-way manual adjustable driver's seat Exterior temperature display <p>Safety</p> <ul style="list-style-type: none"> Engine immobilizer anti-theft system Advanced front airbags Triple H body construction Side-impact door beams Fold-away brake pedal assembly LATCH rear child safety seat anchors and tethers Front side-impact air bags and side air curtains (front and rear) with roll-over protection 	<p>Functional / Powertrain</p> <p>Exterior</p> <ul style="list-style-type: none"> Privacy-tint rear glass <p>Interior</p> <ul style="list-style-type: none"> Leather wrapped steering wheel Leather Shift Knob Bluetooth Phone with Audio Profile <p>Safety</p>	<p>Functional / Powertrain</p> <p>Exterior</p> <p>Interior</p> <ul style="list-style-type: none"> 8-way power adjustable driver's seat with manual lumbar support Driver and front passenger heated seats Leather trimmed seat upholstery Color Multi-Information Display (MID) with Rear View Camera In-dash 6-CD changer Power glass moonroof Automatic Climate Control Bose with SIRIUS <p>Safety</p>	<p>Functional / Powertrain</p> <ul style="list-style-type: none"> MZR I4 2.3L DISI Turbocharged Engine 244 HP @ 5000 rpm 258 lb-ft torque @ 2500 rpm 6-speed Sport AT Front-wheel drive or Active Torque-Split All-Wheel Drive <p>Exterior</p> <ul style="list-style-type: none"> 18" Alloy Wheels 235/60R18 all season tires Dual stainless steel exhaust outlets <p>Interior</p> <ul style="list-style-type: none"> 8-way power adjustable driver's seat with manual lumbar support Driver and front passenger heated seats Retractable cargo cover Leather trimmed seat upholstery <p>Safety</p>	<p>Functional / Powertrain</p> <p>Exterior</p> <ul style="list-style-type: none"> 19" Alloy Wheels 235/55R18 all season tires Chrome door handles Fog lamps with silver painted bezels Xenon HID low-beam headlights with manual leveling Heated body colored side mirrors with side marker lights Rain Sensing Wipers Automatic Headlights <p>Interior</p> <ul style="list-style-type: none"> 4-way Power passenger seat Memory Driver Seat Bose with SIRIUS In-dash 6-CD changer Compact Navigation Auto-dimming rearview mirror with Homelink® Leather Console Soft Pad Power glass moonroof GT interior trim accents Electroluminescent gauges Color Multi-Information Display (MID) with Rear View Camera Smart Key with Mazda Advanced Keyless Entry Automatic Climate Control <p>Safety</p> <ul style="list-style-type: none"> Blind Spot Monitor Anti-theft perimeter alarm

Product Changes and Feature Availability
Features, options and package content subject to change.

2011 Mazda CX-7					
EQUIPMENT & FEATURES	i SV	i Sport	i Touring	s Touring	s Grand Touring
	2.5L Normally Aspirated - 161HP	2.5L Normally Aspirated - 161HP	2.5L Normally Aspirated - 161HP	DISI I4 Engine - 244HP	DISI I4 Engine - 244HP
Std -- Standard; Pkg -- Package; Opt -- Factory Option; PIO -- Port Installed Option; DIO -- Dealer Installed Option					
ENGINE & TRANSMISSION					
I4 2.5L Normally Aspirated Engine	Std	Std	Std	-	-
I4 2.3L Direct Injection Spark Ignition (DISI) Turbocharged Engine	-	-	-	Std	Std
Underhood insulator pad	-	-	-	Std	Std
Dual stainless steel exhaust outlets	-	-	-	Std	Std
Front Wheel Drive	Std	Std	Std	Std	Std
Active Torque-Split All-Wheel Drive	-	-	-	Opt	Opt
5-speed Sport AT automatic transmission with sport shift	Std	Std	Std	-	-
6-speed Sport AT automatic transmission with sport shift	-	-	-	Std	Std
SUSPENSION & CHASSIS					
Power-assisted rack-and-pinion steering with engine-speed-sensing variable assist	Std	Std	Std	Std	Std
Independent front MacPherson strut suspension with stabilizer bar	Std	Std	Std	Std	Std
Independent rear multi-link suspension with stabilizer bar	Std	Std	Std	Std	Std
Power-assisted ventilated front disc brakes	Std	Std	Std	Std	Std
Power-assisted ventilated rear disc brakes	Std	Std	Std	Std	Std
Anti-lock Brake System (ABS) w/ Electronic Brakeforce Distribution (EBD) and Brake Assist	Std	Std	Std	Std	Std
Dynamic Stability Control (DSC)	Std	Std	Std	Std	Std
Traction Control System (TCS)	Std	Std	Std	Std	Std
TIRES & WHEELS					
17 - inch aluminum alloy wheels	Std	Std	Std	-	-
P215/70 R17	Std	Std	Std	-	-
18 - inch aluminum alloy wheels	-	-	-	Std	-
P235/60 R18	-	-	-	Std	-
19 - inch aluminum alloy wheels	-	-	-	-	Std
P235/55 R19	-	-	-	-	Std
EXTERIOR FEATURES					
Door handles	body - color	body - color	body - color	body - color	bright
Bumpers - Body Color Front & Rear	Std	Std	Std	Std	Std
Rear Roof Spoiler	Std	Std	Std	Std	Std
Headlamps	Halogen	Halogen	Halogen	Halogen	Xenon
Automatic Headlights	-	-	-	-	Std
Folding Side View Mirrors	body - color	body - color	body - color	body - color	body - color
Heated Folding Side View Mirrors with Marker Lights	-	-	-	-	Std
Side View Mirrors - driver & passenger, electric remote control	Std	Std	Std	Std	Std
Windshield wipers - intermittent, time adjustable	Std	Std	Std	Std	Std
Rain Sensing Wipers	-	-	-	-	Std
Rear window wiper - intermittent and includes washer	Std	Std	Std	Std	Std
Fog Lamps	-	-	-	-	Std - Silver Painted Bezels
COMFORT & CONVENIENCE					
Power sliding-glass moonroof with interior sunshade and one-touch open/close	-	Pkg	Std	Pkg	Std
Power windows with one-touch auto open/close driver-side window	Std	Std	Std	Std	Std
Cloth-trimmed seat upholstery	Std	Std	-	-	-
Leather-trimmed seat upholstery	-	-	Std	Std	Std
Floor mats - Carpeted front & rear	Std	Std	Std	Std	Std
Cloth headliner	Std	Std	Std	Std	Std
Interior door handles - silver	-	-	-	-	Std
Center instrument panel	Dark Gray	Dark Gray	Dark Gray	Dark Gray	Piano Black
Steering Wheel with Audio Control - Urethane Steering Wheel	Std	-	-	-	-
Steering Wheel with Audio Control - leather wrapped	-	Std	Std	Std	Std
Tilt / Telescoping steering wheel	Std	Std	Std	Std	Std
Heater/defroster with rear heater ducts	Std	Std	Std	Std	Std
CFC-free air conditioning with cabin filter - Manual	Std	Std	Std	Std	-
CFC-free air conditioning with cabin filter - Automatic	-	Pkg	Std	Pkg	Std
Rear window defogger	Std	Std	Std	Std	Std
Passenger assist grip	Std	Std	Std	Std	Std
Storage pockets - front doors with bottle holders	Std	Std	Std	Std	Std
Retractable cargo cover	-	-	-	Std	Std
Cupholders - front	Std	Std	Std	Std	Std
Coin Box	Std	Std	Std	Std	Std
Dual covered illuminated visor vanity mirrors with extension	Std	Std	Std	Std	Std
Cruise control with steering wheel mounted controls	Std	Std	Std	Std	Std
Driver-side footrest	Std	Std	Std	Std	Std
Locking Center Storage Console with rubber tray	Std	Std	Std	Std	-
Locking Leather Wrapped Center Storage Console with Soft Pad and rubber tray	-	-	-	-	Std
Rear cup holder (2)	Std	Std	Std	Std	Std
12V power outlet (2)	Std	Std	Std	Std	Std
Shift knob - leather wrapped	-	Std	Std	Std	Std
Shift knob - urethane	Std	-	-	-	-
Privacy-tint rear glass	-	Std	Std	Std	Std
Rear seat center armrest	Std	Std	Std	Std	Std
Auto-dimming rearview mirror with Homelink®	-	-	-	-	Std
Exterior temperature display	Std	Std	Std	Std	Std
SEATING & TRIM					
5-passenger seating capacity	Std	Std	Std	Std	Std
60/40 split one-touch fold-down rear seatback with adjustable headrests on outboard seating positions	Std	Std	Std	Std	Std
Reclining front bucket seats with adjustable headrests	Std	Std	Std	Std	Std
6-way Manual Adjustable Driver's Seat	Std	Std	Std	-	-
8-way Power Adjustable Driver's Seat	-	Pkg	Std	Std	Std
4-way Power Adjustable Passenger's Seat	-	-	-	-	Std
Memory Driver Seat	-	-	-	-	Std
Manual driver's seat lumbar support	-	Pkg	Std	Std	Std
Heated front seats	-	Pkg	Std	Std	Std
Carpeted interior - Black	Std	Std	Std	Std	Std
Front seatback map pocket - driver and passenger-side	Std	Std	Std	Std	Std
AUDIO SYSTEM					
AM/FM/CD audio system (modular) with Automatic Level Control (ALC), MP3 capability and digital clock	Std	Std	-	Std	-
AM/FM & In-dash 6-disc CD changer	-	-	Std	Pkg	Std
Bluetooth® and Audio Profile	-	Std	Std	Std	Std
Sirius satellite radio	-	-	Std	Pkg	Std
Sirius satellite radio-ready audio head-unit	Std	Std	Std	Std	Std
4-speaker sound system	Std	Std	-	Std	-
9-speaker Bose audio sound system with Centerpoint and AudioPilot	-	-	Std	Pkg	Std
Compact Navigation System	-	-	-	-	Std
Antenna - Roof Mounted	Std	Std	Std	Std	Std
INSTRUMENTATION					
Tachometer	Std	Std	Std	Std	Std
Speedometer	Std	Std	Std	Std	Std
Multi-Information Display (MID) Dot Display	Std	Std	-	Std	-
Color Multi-Information Display (MID) with Rear View Camera	-	Pkg	Std	Pkg	Std
Trip Computer	Std	Std	Std	Std	Std
Resettable trip odometers (2)	Std	Std	Std	Std	Std
Coolant temperature gauge	Std	Std	Std	Std	Std
Fuel level gauge	Std	Std	Std	Std	Std
Ambient Temperature	Std	Std	Std	Std	Std

2011 Mazda CX-7

EQUIPMENT & FEATURES	<i>i SV</i>	<i>i Sport</i>	<i>i Touring</i>	<i>s Touring</i>	<i>s Grand Touring</i>
	2.5L Normally Aspirated - 161HP	2.5L Normally Aspirated - 161HP	2.5L Normally Aspirated - 161HP	DISI I4 Engine - 244HP	DISI I4 Engine - 244HP
Std -- Standard; Pkg -- Package; Opt -- Factory Option; PIO -- Port Installed Option; DIO -- Dealer Installed Option					
Compact Navigation System	-	-	-	-	Std
Electroluminescent gauges, indirect blue lighting	-	-	-	-	Std
Auto-dimming rearview mirror with Homelink®	-	-	-	-	Std
SAFETY & SECURITY					
Tire pressure monitoring system	Std	Std	Std	Std	Std
Blind Spot Monitoring	-	-	-	-	Std
Side-impact door beams	Std	Std	Std	Std	Std
Front & rear crumple zones	Std	Std	Std	Std	Std
Advanced dual front air bags (SRS)	Std	Std	Std	Std	Std
Front side-impact air bags and side air curtains (front and rear) with roll-over protection	Std	Std	Std	Std	Std
3-point safety belts for all seating positions	Std	Std	Std	Std	Std
Front safety-belt pretensioners with force limiters	Std	Std	Std	Std	Std
Fold-away brake pedal assembly	Std	Std	Std	Std	Std
LATCH rear seat child safety-seat lower anchors (2) & upper tethers (3)	Std	Std	Std	Std	Std
Passenger power window lock-out feature - driver-controlled	Std	Std	Std	Std	Std
Engine immobilizer anti-theft system	Std	Std	Std	Std	Std
Anti-theft perimeter alarm	-	-	-	-	Std
Illuminated keyless entry w/ panic button	Std	Std	Std	Std	Std
Rearview camera	-	Pkg	Std	Pkg	Std
MAZDA Advanced Keyless Entry & Start System - Smart Key Entry System	-	-	-	-	Std

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PACKAGES & OPTIONS	<i>iSV</i>	<i>iSport</i>	<i>iTouring</i>	<i>sTouring</i>
Convenience Package (1CP): - Heated Front Seats - Power Driver Seat - Power sliding glass moonroof with interior sunshade - Automatic Climate Control - Color Multi-Information Display (MID) with Rearview Camera	-	Opt	-	-
Touring Technology Package (1TE): - Power sliding glass moonroof with interior sunshade - Automatic Climate Control - Bose® Centerpoint® Surround System with AudioPilot® - 9 speakers - In-dash 6-disc CD changer - SIRIUS Satellite Radio with 6 Month Subscription - Color Multi-Information Display (MID) with Rearview Camera	-	-	-	Opt

<i>sGrand Touring</i>
-
-

2011 Mazda CX-7						
PORT ACCESSORIES	Code	iSV	iSport	iTouring	sTouring	sGrand Touring
AUDIO / VISUAL ELECTRONICS						
DVD Entertainment System (Overhead Type)	DVD	Acc	Acc	Acc	Acc	Acc
SIRIUS Satellite Radio with 6-month Subscription	SAT	Acc	Acc	Acc	Acc*	Std
EXTERIOR						
Rear Spoiler	RSP	Acc	Acc	Acc	Acc	Acc
Fog Lamps	FOG	Acc	Acc	Acc	Acc	Std
Scuff Plates	SCP	Acc	Acc	Acc	Acc	Acc
Splash Guards, Front and Rear	SGB	Acc	Acc	Acc	Acc	Acc
Moonroof Wind Deflector (Requires 1CP or 1TE)	MND	n/a	Acc	Acc	Acc	Acc
Rear Bumper Guard	RBG	Acc	Acc	Acc	Acc	Acc
Trailer Receiver Hitch, Class II	TTW	Acc	Acc	Acc	Acc	Acc
Rear View Camera (N/A w/MRC or MRH)	1RV	Acc	Acc**	Std	Acc***	Std
Wheel Locks	WLK	Acc	Acc	Acc	Acc	Acc
INTERIOR						
Cargo Net	CGN	Acc	Acc	Acc	Acc	Acc
Cargo Tray	CGT	Acc	Acc	Acc	Acc	Acc
All Weather Floor Mats	FLA	Acc	Acc	Acc	Acc	Acc
Carpeted Floor Mats	FLM	Std	Std	Std	Std	Std
Compass / EC Mirror (N/A w/1RV)	MRC	Acc	Acc	Acc	Acc	n/a
Compass / Homelink Mirror (N/A w/1RV)	MRH	Acc	Acc	Acc	Acc	Std
Retractable Cargo Cover (Black or Sand)	RCC	Acc	Acc	Acc	Std	Std
Remote Engine Start	RSE	Acc	Acc	Acc	Acc	Acc

* N/A Touring with Tech Pkg (1TE)

**NA Sport with Convenience Pkg (1CP)

***NA Touring Tech Pkg (1TE)

DEALER ACCESSORIES		iSV	iSport	iTouring	sTouring	sGrand Touring
AUDIO / VISUAL ELECTRONICS						
3.5mm Audio Cable		Acc	Acc	Acc	Acc	Acc
DVD Entertainment System (Overhead Type)		Acc	Acc	Acc	Acc	Acc
Bluetooth Hands Free Device (Motorola T305)		Acc	Std	Std	Std	Std
iPod Integration Module		Acc	Acc	Acc	Acc	Acc
Portable Navigation Devices (by Garmin)		Acc	Acc	Acc	Acc	Acc
SIRIUS Satellite Radio with 6-month Subscription		Acc	Acc	Std	Acc*	Std
EXTERIOR						
Bike Carrier, Roof Rack		Acc	Acc	Acc	Acc	Acc
Bike Carrier, Trailer Hitch Mount		Acc	Acc	Acc	Acc	Acc
Car Cover		Acc	Acc	Acc	Acc	Acc
Car Cover Cable Lock		Acc	Acc	Acc	Acc	Acc
Cargo Box, Medium		Acc	Acc	Acc	Acc	Acc
Cargo Box, Short		Acc	Acc	Acc	Acc	Acc
Front Mask		Acc	Acc	Acc	Acc	Acc
Hood Bug Deflector		Acc	Acc	Acc	Acc	Acc
Roof Luggage Basket		Acc	Acc	Acc	Acc	Acc
Roof Rack		Acc	Acc	Acc	Acc	Acc
Rear Spoiler		Acc	Acc	Acc	Acc	Acc
Fog Lamps		Acc	Acc	Acc	Acc	Std
Scuff Plates		Acc	Acc	Acc	Acc	Acc
Splash Guards, Front and Rear		Acc	Acc	Acc	Acc	Acc
Moonroof Wind Deflector (Requires 1CP or 1TE)		n/a	Acc	Acc	Acc	Acc
License Plate Frames (CX-7 or Zoom-Zoom)		Acc	Acc	Acc	Acc	Acc
Rear Bumper Guard		Acc	Acc	Acc	Acc	Acc
Kayak Carrier		Acc	Acc	Acc	Acc	Acc
Ski/Snowboard Carrier		Acc	Acc	Acc	Acc	Acc
Surfboard Carrier		Acc	Acc	Acc	Acc	Acc
Trailer Receiver Hitch, Class II		Acc	Acc	Acc	Acc	Acc
Rear View Camera (N/A w/MRC or MRH)		Acc	Acc**	Std	Acc***	Std
Touch-Up Paint		Acc	Acc	Acc	Acc	Acc
Wheel Locks		Acc	Acc	Acc	Acc	Acc
INTERIOR						
Ashtray		Acc	Acc	Acc	Acc	Acc
Cigarette Lighter		Acc	Acc	Acc	Acc	Acc
Cargo Carrier, Collapsible		Acc	Acc	Acc	Acc	Acc
Cargo Net		Acc	Acc	Acc	Acc	Acc
Cargo Tray		Acc	Acc	Acc	Acc	Acc
First Aid Kit		Acc	Acc	Acc	Acc	Acc
Roadside Assistance Kit		Acc	Acc	Acc	Acc	Acc
Windshield Sunscreen		Acc	Acc	Acc	Acc	Acc
All Weather Floor Mats		Acc	Acc	Acc	Acc	Acc
Carpeted Floor Mats		Std	Std	Std	Std	Std
Compass / EC Mirror (N/A w/1RV)		Acc	Acc	Acc	Acc	n/a
Compass / Homelink Mirror (N/A w/1RV)		Acc	Acc	Acc	Acc	Std
Retractable Cargo Cover (Black or Sand)		Acc	Acc	Acc	Std	Std
Remote Engine Start		Acc	Acc	Acc	Acc	Acc

* N/A Touring with Tech Pkg (1TE)

**NA Sport with Convenience Pkg (1CP)

***NA Touring Tech Pkg (1TE)

2011 Mazda CX-7

INTERIOR & EXTERIOR COLORS

COLOR CODE		EXTERIOR COLOR		INTERIOR			
				<i>i SV / i Sport</i>		<i>iTouring / s Touring / s Gr. Touring</i>	
				CLOTH		LEATHER	
		Black EE9	Sand EF1	Black EE9	Sand EF1		
28W	Black Cherry Mica		■		■		
32V	Copper Red Mica		■		■		
34K	Crystal White Pearl Mica		■		■		
35J	Stormy Blue Mica	■		■			
38P	Liquid Silver Metallic	■		■			
A3F	Brilliant Black Clearcoat	■		■			

Bold type indicates colors new to Mazda CX-7

2011 Mazda CX-7

SPECIFICATIONS

i SV / i Sport / i Touring

s Touring / s Grand Touring

Engine Type	2.5L DOHC 16-valve 4-cylinder with VVT	2.3L Direct Injection Spark Ignition (DISI) Turbocharged 16-valve 4-cylinder Inline
Horsepower, SAE net (hp)	161 @ 6000 rpm	244 @ 5000 rpm
Torque, SAE net (lb-ft)	161 @ 3500 rpm	258 @ 2500 rpm
Redline	6500 rpm	6700 rpm
Displacement (cubic inches/cc)	151.9/2488	137.9/2260
Bore x Stroke (inches/mm)	3.50 x 3.94/89.0 x 100	3.44 x 3.70/87.5 x 94.0
Compression Ratio	9.7:1	9.5:1
Fuel System	Electronically Controlled Port Injection	Electronically Controlled Direct Injection
Fuel: Recommended	Regular Unleaded	Premium (91 to 93 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	

Type	FWD	FWD or Active Torque Split All Wheel Drive	
Transmission:	5-Speed electronically controlled sport AT	6-Speed electronically controlled sport AT	
Clutch Type:	Torque converter with electronic lockup		
Ratios (:1)			
	1st	3.620	4.148
	2nd	1.925	2.370
	3rd	1.285	1.555
	4th	0.933	1.154
	5th	0.692	0.859
	6th	-	0.685
	Reverse	3.405	3.393
	Final Drive	3.863	3.749

CHASSIS			
Body Type	5 passenger, SUV, monocoque unibody with triple H construction		
Front Suspension	independent MacPherson Strut type coil spring and stabilizer bar		
Rear Suspension	Independent Multi-link type coil spring and stabilizer bar		
Shock Absorbers	Twin tube, telescopic-type, double acting		
Steering Type	Power rack-and-pinion with variable assist		
Power Assist	Engine-rpm sensitive; variable hydraulic power assist steering		
Steering Wheel Turns Lock-to-Lock	2.9 revolutions		
Overall Steering Ratio	15.8:1		
Turning Circle, Curb-to-Curb (feet)	37.4		37.4
Braking System	Power assist anti-lock braking system with Electronic Brakeforce Distribution (EBD) and Brake Assist		
Anti-Lock Braking System	4-wheel, 4-sensor, 4-channel +Electronic Brake force Distribution (EBD) and Brake Assist		
Front Brakes (inches/mm)	Ventilated Disc (11.65/296) diameter, 1.1in/28mm thick		
Rear Brakes (inches/mm)	Ventilated Disc (11.9/302) diameter, 0.7in/18mm thick		
Parking Brake	Mechanical (foot type)		
Wheels	17 x 7.0J aluminum alloy wheel		18 x 7.5J (Touring) / 19 x 7 1/2J (GT) Aluminum alloy wheel
Tires	P215/70 R17 H-rated all-season		P235/60 R18 H-rated all-season (Touring) / P235/55 R19 H-rated all-season (GT)
Tire Brand	Bridgestone		Bridgestone or Goodyear
Tire Inflation Pressures (F/R)	32 psi/32 psi		
Temporary Spare Tire	T155/90 D18		
EPA Curb Weight (lbs/kg)	FWD	3496/1586	3787/1718
	AWD	---	4001/1815

2011 Mazda CX-7 SPECIFICATIONS

i SV / i Sport / i Touring

s Touring / s Grand Touring

ESTIMATED FUEL ECONOMY

EPA Mileage (City/Highway)	FWD AT	20 / 28	18 / 24
	AWD AT	---	17 / 21

CAPACITIES

Engine Oil (U.S. quarts/L)	5.3/5.0	6.0 / 5.7	
Engine Coolant (U.S. quarts/L)	9.5 / 9.0		
Washer Fluid Tank (U.S. quarts/L)	2.6 / 2.5		
Fuel Tank Capacity (gallons/L)	16.4/62.0	18.2/69.0	
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		
Roof Rack Payload (lbs.)	220	220	
Towing Capacity (lbs.)	1,500	2,000	
EPA Vehicle Size Category	FWD	Special Purpose Vehicle	Special Purpose Vehicle
	AWD		Special Purpose Vehicle

EXTERIOR DIMENSIONS

Wheelbase (inches/mm)	108.3 / 2750		
Track, Front (inches/mm)	64.1 / 1627	63.7 / 1617	
Track, Rear (inches/mm)	63.9 / 1622	63.5 / 1612	
Length w/o License Plate Holder	184.3 / 4682		
Width (inches/mm)	73.7 / 1872		
Height w/o Roof Rails (inches/mm)	64.8 / 1645		
Minimum ground clearance, unladen (inches/mm)	8.1 / 206	8.2 / 208 4WD; 209 2WD	
Coefficient of drag (cd)	0.34		
Top speed (mph/kph)	110 / 177	116.8 / 188	
Weight Distribution %, Front:Rear	FWD	NA	NA
	AWD	-	NA

INTERIOR DIMENSIONS

Head Room w/o Moonroof, Front (inches/mm)	39.7 / 1009
Head Room w/o Moonroof, Rear (inches/mm)	39.3 / 998
Head Room w/ Moonroof, Front (inches/mm)	38.2 / 970
Head Room w/ Moonroof, Rear (inches/mm)	38.6 / 980
Leg Room, Front (inches/mm)	41.7 / 1059
Leg Room, Rear (inches/mm)	36.4 / 925
Rear Knee Clearance (inches/mm)	1.5 / 39
Shoulder Room, Front (inches/mm)	58.0 / 1472
Shoulder Room, Rear (inches/mm)	55.8 / 1417
Hip Room, Front (inches/mm)	54.8 / 1391
Hip Room, Rear (inches/mm)	53.0 / 1345

**2011 CX-7
REVISIONS**

DATE	PAGE	CONTENT	UPDATES
July 13, 2010	All	All	Initial Draft
July 15, 2010	Page 7	Accessories	Update Accessory list
August 18, 2010	Page 2 & 10	Product Changes /Specs	FE on 2.3L models has been changed
September 27, 2010	Page 7	Accessories	Changed DVD entertainment to O/A vs Std on GT model
	Page 4	Equipment and Features	Corrected seat material on new i Touring model. Added leather as standard
October 4, 2010	Page 8	Colors	Corrected interior color to show i Touring as leather
October 5, 2010	Page 5-6	Compact Navigation, MID, Auto AC, Rearview camera	Changed NAV description and corrected i Touring model to N/A, corrected color and dot display designation per model Added Auto AC as Pkg on i Sport and S Touring , added rear camera to appropriate trim under safety section