

2010 CX-9

Engine & Mechanical



■ Standard
 ■ Stand-Alone Option
 ■ Accessory
 -- Not Available



CX-9 at a Glance:



Engine and Transmission

273-hp 3.7L DOHC 24-valve V6 with 6-speed Sport automatic transmission



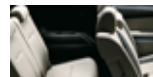
Drivetrain Choices

Front-wheel drive (FWD) or available Active Torque Split All-Wheel Drive (AWD)



Available Features

7-passenger, 3-row seating with available Bose® audio system, heated front seats, Mazda Advanced Keyless Entry & Start System and DVD rear-seat entertainment system



Safety Features

5-Star government frontal- and side-crash-test rating†††, standard advanced front air bags, front side-impact air bags, side-impact air curtains††, Dynamic Stability Control (DSC)*** and Roll Stability Control (RSC)

2010 CX-9	Sport	Touring	Grand Touring
Engine			
Engine type		3.7L DOHC 24-valve V6	
Horsepower		273 hp @ 6250 rpm	
Torque		270 lb-ft @ 4250 rpm	
Redline		6500 rpm	
Displacement (cc)		3726	
Bore x stroke (mm)		95.5 x 86.7	
Compression ratio		10.3:1	
Fuel system		Electronically controlled multiport fuel injection	
Recommended fuel		Regular unleaded	
Valve train		4 valves per cylinder with variable intake valve timing (VVT)	
Engine block		Aluminum alloy	
Cylinder head		Aluminum alloy	
Emission control type (Fed/Cal)		Tier 2 BIN 5 / ULEV II	
Fuel Economy			
Front-wheel drive (city/hwy)†		16/22	
All-wheel drive (city/hwy)†		15/21	
Drivetrain			
Type		Front-wheel drive (FWD) or Active Torque Split All-Wheel Drive (AWD)	
Automatic transmission		6-speed electronically controlled Sport with Adaptive Shift Logic and manual-shift mode	
Chassis			
Brakes		4-wheel disc brakes	
- Front		12.6-inch vented disc	
- Rear		12.8-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	16.3:1		
Steering wheel turns-to-lock	3.1		
Turning circle, curb-to-curb (ft)	37.4		
Suspension	4-wheel independent		
- Front	MacPherson strut with stabilizer bar		
- Rear	Multilink and stabilizer bar		
Wheel size (in)	18 x 7.5	18 x 7.5	20 x 7.5
Tire size	P245/60R18 all-season radial	P245/60R18 all-season radial	P245/50R20 all-season radial

Weights / Capacities / Aerodynamics

Curb weight (lbs)			
- FWD	4334		
- AWD	4550		
Towing capacity (lbs)			
- FWD****	2000 (3500 with Tow Prep Package)		
- AWD****	3500		
Fuel capacity (gallons)	20.1		
Coefficient of drag (Cd)	0.36		

Exterior

S Standard
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2010 CX-9	Sport	Touring	Grand Touring
Body			
Halogen headlights	S	S	--
Xenon High-Intensity-Discharge (HID) low-beam headlights with auto on/off feature	--	--	S
Auto-off headlights	--	S	--
Halogen fog lights	--	--	S
Variable-intermittent windshield wipers	S	S	S
Rain-sensing windshield wipers	--	--	S
Intermittent rear wiper/washer	S	S	S
Power sliding-glass moonroof with one-touch-open feature and interior sunshade	--	□	□
Dual power outside mirrors	S	S	--
Dual power outside mirrors with side marker turn-signal lights	--	--	S
Heated outside mirrors	□	S	S
Body-color door handles	S	S	--
Chrome door handles	--	--	S
Power open/close rear liftgate	--	□	□
In-glass antenna	S	S	S
Rear privacy glass	S	S	S
Roof spoiler	S	S	S
LED taillights	S	S	S
Dual exhaust outlets with stainless-steel tips	S	S	S
Wheels & Tires			
18-inch aluminum-alloy wheels	S	S	--
20-inch aluminum-alloy wheels	--	--	S
P245/60R18 all-season radial tires	S	S	--
P245/50R20 all-season radial tires	--	--	S
Temporary spare tire	S	S	S
Exterior Dimensions			
Wheelbase (in)		113.2	
Track, front (in)		65.1	
Track, rear (in)		64.7	
Length (in)		199.8	
Width (in)		76.2	
Height w/o roof rails (in)		68.0	

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Interior

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2010 CX-9	Sport	Touring	Grand Touring
Comfort & Convenience			
Three-Zone Automatic Climate Control with pollen filter	■	■	■
Rear window defogger	■	■	■
Tilt & telescopic steering wheel	■	■	■
Cruise control with steering-wheel-mounted controls	■	■	■
Bluetooth® hands-free phone capability‡	■	■	■
Power windows with driver's one-touch-down/up feature	■	■	■
Power door locks with 2-stage unlocking feature	■	■	■
Driver's seat memory	--	--	■
Heated front seats	■	■	■
Height-adjustable front shoulder-belt anchors	■	■	■
Remote keyless entry system	■	■	--
Mazda Advanced Keyless Entry & Start System	--	■	■
Auto-dimming rearview mirror with HomeLink®	--	--	■
Illuminated visor vanity mirrors	■	■	■
12-volt power outlets (3)	■	■	■
Storage			
Front center console storage compartment with cup holders	■	■	■
Front center console armrest	■	■	■
Locking front glovebox	■	■	■
Overhead sunglasses holder	■	■	■
Front door storage pockets with bottle holders	■	■	■
Rear-door bottle holders	■	■	■
2nd-row center armrest with cup holders	■	■	--
2nd-row center armrest with storage and cup holders	--	--	■
Cargo area under-floor storage	■	■	■
Seating & Trim			
7-passenger seating	■	■	■
Cloth-trimmed seats	■	--	--
Leather-trimmed seats (1st- and 2nd-row)	--	■	■
Manually adjustable driver's seat	■	--	--
8-way power driver's seat with adjustable lumbar support	■	■	■

4-way manual front passenger seat	US	--	--
4-way power front passenger seat	--	US	US
60/40 split fold-down 2nd-row seatback with tilt and slide feature	US	US	US
50/50 split fold-down 3rd-row seatback	US	US	US
Leather-wrapped steering wheel	US	US	US
Leather-wrapped shift knob	US	US	US
Leather-wrapped center console	US	US	US
Piano Black and silver accents	US	US	--
Dark silver and wood-tone trim	--	--	US
Carpet floor mats	US	US	US
Audio & Navigation			
AM/FM/CD/MP3-compatible stereo with 6 speakers	US	US	US
Bose® Centerpoint® Surround Sound System with AudioPilot® 2, AM/FM/CD /MP3-compatible stereo and 10 speakers	--	□	□
Bose® Centerpoint® 5.1 Surround Sound System with AudioPilot® 2, AM/FM/CD /MP3-compatible stereo with 11 speakers, 9-inch rear seat entertainment system with DVD player, 115V power outlet and game port	--	--	□
Auxiliary-audio input jack	US	US	US
SIRIUS Satellite Radio-compatible audio system††	US	US	US
SIRIUS Satellite Radio with free 6-month subscription	□	□	□
Steering-wheel-mounted audio controls	US	US	US
Bluetooth® hands-free phone capability‡	US	US	US
Bluetooth® hands-free audio capability‡	--	□	□
DVD-based navigation system with 7-inch color screen	--	--	□
Instrumentation			
White-on-black gauges with red & blue nighttime illumination	US	US	--
Electroluminescent gauges with red & blue nighttime illumination	--	--	US
Speedometer, tachometer, coolant temperature and fuel gauge	US	US	US
Dual trip odometers	US	US	US
Center instrument panel display (air conditioning & audio)	US	US	US
Trip computer	US	US	US
4.3-inch LCD Multi-Information Display (MID) with back-up camera**	--	□	□
Interior Dimensions & Capacities			
Headroom, front/middle/rear without moonroof (in)		39.6/39.0/35.4	
Headroom, front/middle/rear with moonroof (in)	--	38.4/39.0/35.4	38.4/39.0/35.4

Shoulder room, front/middle/rear (in)	59.4/58.7/56.9		
Hip room, front/middle/rear (in)	56.5/56.0/43.7		
Legroom, front/middle/rear (in)	40.9/39.8/32.4		
EPA passenger volume without moonroof (cu ft)	139.2		
EPA passenger volume with moonroof (cu ft)	--	137.5	137.5
EPA cargo volume 2nd- and 3rd-row down (cu ft)	100.7		
EPA cargo volume 2nd-row up and 3rd-row down (cu ft)	48.4		
EPA cargo volume 2nd- and 3rd-row up (cu ft)	17.2		

Safety

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2010 CX-9	Sport	Touring	Grand Touring
Safety and Security			
Advanced front air bags†† with seat belt-use, passenger-weight and driver's seat-position sensors	S	S	S
Front side-impact air bags and side-impact air curtains†† with rollover protection	S	S	S
3-point seat belts for all seating positions	S	S	S
Front seat-belt pretensioners with force limiters	S	S	S
Active front headrests	S	S	S
Anti-lock Brake System (ABS) w/ Electronic Brakeforce Distribution (EBD)	S	S	S
Dynamic Stability Control (DSC)*** and Traction Control System (TCS)	S	S	S
Roll Stability Control (RSC)	S	S	S
Child-safety rear door locks	S	S	S
LATCH child-safety-seat anchors & upper tethers	S	S	S
Triple H construction	S	S	S
Side-impact door beams	S	S	S
Collapsible steering column	S	S	S
Foldaway brake pedal assembly	S	S	S
Blind Spot Monitoring (BSM) System†††	--	--	S
Back-up camera** with color display	--	□	□
Keyless remote panic button (on key fob)	S	S	S
Engine-immobilizer anti-theft system	S	S	S
Anti-theft alarm system	--	--	S
Tire-Pressure Monitoring System (TPMS)	S	S	S

Options & Packages

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Packages			
Power Driver's Seat with Heated Front Seats & Mirrors - 8-way power driver's seat with adjustable lumbar support - Heated front seats - Heated outside mirrors	■	--	--
Moonroof and Bose® Audio with SIRIUS Package - Power sliding-glass moonroof with one-touch-open feature and interior sunshade - Bose® Centerpoint® Surround Sound System with AudioPilot® 2, AM/FM/CD/MP3-compatible stereo with 10 speakers - SIRIUS Satellite Radio with free 6-month subscription (not available with Rear-Seat Entertainment System)	--	■	■
Touring Power Liftgate Package - Power liftgate - Mazda Advanced Keyless Entry & Start System (only available with Moonroof and Bose® or Rear-Seat Entertainment System)	--	■	--
Rear-Seat Entertainment System w/ Bose® Audio & SIRIUS Package - DVD player with 9-inch screen and 5.1 audio surround sound - Bose® Centerpoint® 5.1 Surround Sound System with AudioPilot® 2 with 11 speakers - SIRIUS Satellite Radio with free 6-month subscription - 115-volt power plug and game port (not available with Moonroof and Bose® Audio Package)	--	--	■
Grand Touring Power Liftgate (Only available with Moonroof and Bose® or Rear-Seat Entertainment System)	--	--	■
Navigation System - DVD-based with 7-inch LCD touch screen (Only available with Moonroof and Bose® or Rear-Seat Entertainment System)	--	--	■
Towing Prep Package - Heavy-duty transmission oil cooler and radiator fan - Revised engine control module - 3500-lb towing capacity**** (FWD only, standard on AWD models)	--	--	■
Crystal White Pearl Mica Paint	■	■	■
Audio/Entertainment			

SIRIUS Satellite Radio with free 6-month subscription	A	A	A
Dockable rear-seat entertainment system w/ Game Boy® Advance	A	A	A
Exterior			
Moonroof wind deflector	--	A	A
Roof rails	A	A	A
Towing receiver hitch (class II) with trailer wiring harness	A	A	A
Rear bumper guard (stainless steel)	A	A	A
Splash guards (set of 4)	A	A	A
Wheel locks (set of 4)	A	A	A
Interior			
Remote engine start	A	A	A
Auto-dimming mirror with compass and HomeLink®	A	A	--
Auto-dimming mirror with back-up camera**	A	A	--
Anti-theft alarm system with shock sensor	A	A	--
All-weather floor mats	A	A	A
Retractable cargo cover	A	A	A
Cargo mat	A	A	A
Cargo net	A	A	A

* MSRP includes destination charges but excludes tax, title and license fees. Destination charges may vary in Alaska and Hawaii. Vehicles displayed may contain optional equipment at additional costs. Actual dealer price may vary.

† 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.

** 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.

‡‡ 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).

‡‡‡ Government star ratings are part of the National Highway Traffic Safety Administration's (NHTSA's) New Car Assessment Program (www.safercar.gov). Vehicle tested with standard side-impact air bags (SABs).

**** Towing capacities are maximums and must be reduced by the weight of any passengers, cargo, hitch or optional equipments in the towing vehicle. The following equipment at also be required: load-carrying hitch for trailers under 2000 lb and load-equalizing hitch for trailers over 2000 lb. Towing a trailer will have an effect on the vehicle's handling, braking, durability, performance and driving economy. For specific information on recommended or required equipment, see your Mazda Dealer. Hitches are available through manufacturers other than Mazda.