

2012 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

Standard advanced front air bags, front side-impact air bags, side-impact air curtains‡, Dynamic Stability Control (DSC)** and Roll Stability Control (RSC)

2012 CX-9	Sport	Touring	Grand Touring
Engine			
Engine type		3.7L DOHC 24-valve V6 with VVT	
Horsepower		273-hp @ 6250 rpm	
Torque		270 lb-ft @ 4250 rpm	
Redline		6500	
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	
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	
Emission control type (Fed/Cal)		Tier 2 BIN 5 / ULEV II	
Fuel Economy			
Front-wheel drive (city/hwy)††		17/24	
All-wheel drive (city/hwy)††		16/22	
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 sport-shift mode	
Chassis			
Brakes		4-wheel disc	
- 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, lock-to-lock		3.1	
Turning circle, curb-to-curb (ft)		37.4	
Suspension		4-wheel independent	
- Front		MacPherson strut with stabilizer bar	
- Rear		Multilink with stabilizer bar	

Wheel size (in)	18 x 7.5	20 x 7.5
Tire size	P245/60R18 all-season radial	P245/50R20 all-season radial
Weights & Capacities		
Curb weight (lbs)		
- FWD	4328	
- AWD	4546	
Towing capacity (lbs)		
- FWD††	2000 (3500 with Tow Prep Package)	
- AWD††	3500	
Fuel capacity (gallons)	20.1	

Exterior

Ⓢ Standard
Ⓛ Stand-Alone Option
Ⓜ Accessory
-- Not Available

2012 CX-9	Sport	Touring	Grand Touring
Body			
Halogen headlights	Ⓢ	Ⓢ	--
Xenon High-Intensity-Discharge (HID) low-beam headlights with auto on/off feature	--	--	Ⓢ
Auto-off headlights	--	Ⓢ	--
Halogen fog lights	--	--	Ⓢ
Variable-intermittent windshield wipers	Ⓢ	Ⓢ	Ⓢ
Rain-sensing windshield wipers	--	--	Ⓢ
Intermittent rear wiper/washer	Ⓢ	Ⓢ	Ⓢ
Power sliding-glass moonroof with one-touch-open feature and interior sunshade	--	Ⓛ	Ⓛ
Dual power side mirrors	Ⓢ	Ⓢ	--
Dual power side mirrors with side marker turn-signal lights	--	--	Ⓢ
Heated side mirrors	Ⓛ	Ⓢ	Ⓢ
Body-color door handles	Ⓢ	Ⓢ	--
Chrome door handles	--	--	Ⓢ
Power open/close rear liftgate	--	Ⓛ	Ⓛ
In-glass antenna	Ⓢ	Ⓢ	Ⓢ
Rear privacy glass	Ⓢ	Ⓢ	Ⓢ
Roof-mounted spoiler	Ⓢ	Ⓢ	Ⓢ
LED taillights	Ⓢ	Ⓢ	Ⓢ
Dual exhaust outlets with stainless-steel tips	Ⓢ	Ⓢ	Ⓢ
Wheels & Tires			
18-inch aluminum-alloy wheels	Ⓢ	Ⓢ	--
20-inch aluminum-alloy wheels	--	--	Ⓢ
P245/60R18 all-season radial tires	Ⓢ	Ⓢ	--
P245/50R20 all-season radial tires	--	--	Ⓢ
Temporary spare tire	Ⓢ	Ⓢ	Ⓢ
Exterior Dimensions			
Wheelbase (in)		113.2	
Track, front (in)		65.1	
Track, rear (in)		64.7	
Length (in)		200.2	
Width (in)		76.2	
Height w/o roof rails (in)		68.0	
Minimum ground clearance (in)		8.0	

Interior

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

2012 CX-9	Sport	Touring	Grand Touring
Comfort & Convenience			
Three-Zone Automatic Climate Control	■	■	■
Power windows with front one-touch down/up feature	■	■	■
Power door locks with 2-stage unlocking feature	■	■	■
Speed-sensing auto door locks	■	■	■
Cruise control with steering-wheel-mounted controls	■	■	■
Bluetooth® hands-free phone capability***	■	■	■
Bluetooth® hands-free 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 (3)	■	■	■
Remote fuel-door release	■	■	■
Rear window defogger with timer	■	■	■
Storage			
Lockable glove compartment	■	■	■
Front center console storage with dual cup holders	■	■	■
Overhead sunglasses holder	■	■	■
Front door storage pockets with bottle holders	■	■	■
Front seatback pocket	■	■	■
2nd-row center armrest with cup holders	■	■	--
2nd-row center armrest with storage and cup holders	--	--	■
Rear door bottle holders	■	■	■
Cargo area under-floor storage	■	■	■
Seating & Trim			
7-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 2nd-row seatback with tilt and slide feature	■	■	■
50/50 split fold-down 3rd-row seatback	■	■	■
Driver's seat memory	--	--	■
Heated front seats	■	■	■
Cloth-trimmed seats	■	--	--
Leather-trimmed seats (1st- and 2nd-row)	--	■	■
Leather-wrapped steering wheel	■	■	■
Leather-wrapped shift knob	■	■	■
Piano Black and silver accents	■	■	--
Wood-tone and dark silver accents	--	--	■
Carpet floor mats	■	■	■
Audio & Navigation			
AM/FM/CD/MP3-compatible stereo with 6 speakers	■	■	■
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			
SiriusXM Satellite Radio-compatible audio system†††			
SiriusXM Satellite Radio with free 4-month subscription			
Steering-wheel-mounted audio controls			
Bluetooth® hands-free audio capability***	--		
Navigation system with 7-inch 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			
Color Multi-Information Display (MID)	--		
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	
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)		139.4	
EPA passenger volume with moonroof (cu ft)	--	137.7	
EPA cargo volume 2nd- and 3rd-row down (cu ft)		100.7	
EPA cargo volume 2nd-row up and 3rd-row down (cu ft)		48.3	
EPA cargo volume 2nd- and 3rd-row up (cu ft)		17.2	

Safety & Security

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

2012 CX-9	Sport	Touring	Grand Touring
Safety			
Advanced front air bags‡ with seat belt-use, passenger-weight and driver's seat-position sensors	■	■	■
Front side-impact air bags and side-impact air curtains‡ with rollover protection	■	■	■
3-point seat belts for all seating positions	■	■	■
Front seat-belt pretensioners with force limiters	■	■	■
Active front headrests	■	■	■
Anti-lock Brake System (ABS) w/ Electronic Brakeforce Distribution (EBD)	■	■	■
Dynamic Stability Control (DSC)** and Traction Control System (TCS)	■	■	■
Roll Stability Control (RSC)	■	■	■
Triple H body construction	■	■	■
Side-impact door beams	■	■	■
Collapsible steering column	■	■	■
Foldaway brake pedal assembly	■	■	■
Security			
Blind Spot Monitoring (BSM) System****	--	--	■
Engine-immobilizer antitheft system	■	■	■
Antitheft alarm system	--	--	■
Keyless remote panic button (on key fob)	■	■	■
Tire-Pressure Monitoring System (TPMS)	■	■	■
LATCH child-safety-seat anchors & upper tether anchors	■	■	■
Child-safety rear door locks	■	■	■

Options & Packages

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

2012 CX-9	Sport	Touring	Grand Touring
Packages			
Power Driver's Seat with Heated Front Seats & Mirrors - 8-way power driver's seat with adjustable lumbar support - Heated cloth front seats - Heated side mirrors	■	--	--
Moonroof and Bose® Audio 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 - Bluetooth® hands-free audio capability*** - SiriusXM Satellite Radio with free 4-month subscription - Also includes 6-disc CD changer and Multi-Information Display (MID) with back-up camera*** when not equipped with navigation system (not available with Rear-Seat Entertainment System)	--	■	■
Touring Power Liftgate Package - Power open/close rear liftgate - Mazda Advanced Keyless Entry & Start System (only available with Moonroof and Bose® or Rear-Seat Entertainment System)	--	■	--
Rear-Seat Entertainment System with Bose® Audio Package - DVD player with 9-inch screen and 5.1 audio surround sound - Bose® Centerpoint® 5.1 Surround Sound System with AudioPilot® 2 and 11 speakers - SiriusXM Satellite Radio with free 4-month subscription - 115-volt power plug and game port (not available with Moonroof and Bose® Audio Package)	--	--	■
Grand Touring Power Liftgate - Power open/close rear liftgate (Only available with Moonroof and Bose® or Rear-Seat Entertainment System)	--	--	■
Navigation System - DVD-based with 7-inch LCD touch screen - Real-time traffic - Single disc CD - Back-up camera††† (Only available with Moonroof and Bose® or Rear-Seat Entertainment System)	--	--	■
Towing Prep Package (AWD only) - Heavy-duty transmission oil cooler and radiator fan - Revised engine control module (FWD only, standard on AWD models)	--	--	■
Crystal White Pearl Mica Paint	■	■	■
Audio/Entertainment			
SiriusXM Satellite Radio with free 4-month subscription	■	■	■
Exterior			
Moonroof wind deflector	--	■	■
Roof rails	■	■	■
Towing receiver hitch for non-tow prep vehicles 2000 lb tow capacity	■	■	■
Towing receiver hitch (Class II) with trailer wiring harness	■	■	■
Rear bumper guard (stainless steel)	■	■	■
Splash guards (set of 4)	■	■	■
Wheel locks	■	■	■
Interior			
Remote engine start	■	■	■
Auto-dimming mirror with compass and HomeLink®	■	■	--
Auto-dimming mirror with back-up camera†††	■	■	--
Anti-theft alarm system with shock sensor	■	■	--
All-weather floor mats	■	■	■
Retractable cargo cover	■	■	■
Cargo mat	■	■	■
Cargo net	■	■	■

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.

‡ 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.

†† EPA-estimated mileage. Actual results may vary.

‡‡ 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.

*** 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.

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

**** 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).