

# 2016 MAZDA CX-9

## SPECIFICATIONS



mazda

# 2016 MAZDA CX-9 SPORT



## ENGINE & MECHANICAL

<b>ENGINE TYPE</b>	SKYACTIV®-G 2.5T Dynamic Pressure Turbo DOHC 16-valve 4-cylinder with VVT
<b>HORSEPOWER 87 OCTANE REGULAR UNLEADED FUEL</b>	227 hp @ 5,000 rpm
<b>HORSEPOWER 93 OCTANE PREMIUM UNLEADED FUEL</b>	250 hp @ 5,000 rpm
<b>TORQUE</b>	310 lb-ft @ 2,000 rpm
<b>REDLINE</b>	6,300 rpm
<b>DISPLACEMENT (CC)</b>	2488
<b>BORE X STROKE (MM)</b>	89 x 100
<b>COMPRESSION RATIO</b>	10.5 : 1
<b>MAXIMUM INTAKE BOOST PRESSURE (PSI)</b>	17.4
<b>FUEL SYSTEM</b>	Advanced Direct Injection
<b>RECOMMENDED FUEL</b>	Regular unleaded
<b>VALVETRAIN</b>	Chain-driven dual overhead cams, 4 valves per cylinder with variable valve timing (VVT)
<b>IGNITION SYSTEM</b>	Direct coil-on-plug electronic ignition with iridium alloy platinum-tipped spark plugs
<b>ENGINE BLOCK</b>	Aluminum alloy
<b>CYLINDER HEAD</b>	Aluminum alloy
<b>EMISSION CONTROL TYPE</b>	Tier2 Bin5 (50 state)

## EPA-ESTIMATED FUEL ECONOMY

FWD, AUTOMATIC TRANSMISSION (CITY/HWY/  
COMBINED)<sup>1</sup>

22/28/25

AWD, AUTOMATIC TRANSMISSION (CITY/HWY/  
COMBINED)<sup>1</sup>

21/27/23

## DRIVETRAIN

TYPE

Front-wheel drive (FWD) or i-ACTIV AWD®

AUTOMATIC TRANSMISSION

SKYACTIV®-Drive 6-speed automatic transmission with manual-shift and Sport Mode

GEAR RATIOS (:1)

1ST

3.487

2ND

1.992

3RD

1.449

4TH

1.000

5TH

0.707

6TH

0.600

REVERSE

3.990

FINAL DRIVE

4.411

## CHASSIS

BRAKES

4-wheel disc, diagonal hydraulic

- FRONT

12.6-inch vented disc

- REAR

12.8-inch solid disc

- ABS

4-wheel, 4-channel with Electronic Brake force Distribution (EBD) and Brake Assist

PARKING BRAKE

Electronic

STEERING TYPE

Power rack-and-pinion with variable assist

POWER ASSIST

Electronic Power Assist Steering (EPAS)

OVERALL STEERING RATIO

17.6:1

STEERING WHEEL TURNS, LOCK-TO-LOCK

3.1

TURNING CIRCLE DIAMETER, CURB-TO-CURB (FT)

38.8

SUSPENSION

4-wheel independent

- FRONT

MacPherson strut with stabilizer bar

- REAR

Multilink with stabilizer bar

WHEEL SIZE (IN)

18 x 8 aluminum alloy

TIRE SIZE

P255/60 R18 all-season tires

TEMPORARY SPARE TIRE

T155/90 D17

## WEIGHTS & CAPACITIES

CURB WEIGHT (LBS)	4,054 (FWD) / 4,301 (AWD)
TOWING CAPACITY (LBS)	3,500 <sup>14</sup>
FUEL CAPACITY (GALLONS)	19.0 (FWD) / 19.5 (AWD)

## EXTERIOR

### EXTERIOR DIMENSIONS



### EXTERIOR DIMENSIONS

WHEELBASE (IN)	115.3
TRACK, FRONT (IN)	65.3
TRACK, REAR (IN)	65.2
LENGTH (IN), WITHOUT FRONT LICENSE PLATE HOLDER	199.4
WIDTH (IN), WITH/WITHOUT WHEEL ARCH MOLDINGS	77.5 / 77.2
HEIGHT (IN), UP TO ROOF WITH/WITHOUT SHARKFIN ANTENNA	69.0 / 67.6
GROUND CLEARANCE (UNLADEN) (IN)	8.8

### EXTERIOR FEATURES

LED Headlights with auto off and auto height control

LED Daytime Running Lights

LED Combination taillights

Variable-intermittent windshield wipers

Intermittent rear wiper/washer

Black front, side and rear lower body molding

Body-colored power side mirrors with integrated LED turn signal lamps

Body-color door handles

Rear privacy glass

Dual exhaust outlets

Body-color rear roof spoiler

## INTERIOR

### INTERIOR DIMENSIONS & CAPACITIES

HEADROOM (IN), FRONT/2ND-ROW/3RD-ROW	39.3 / 38.5 / 35.4
SHOULDER ROOM (IN), FRONT/2ND-ROW/3RD-ROW	57.9 / 58.1 / 53.1
HIP ROOM (IN), FRONT/2ND-ROW/3RD-ROW	56.7 / 57.4 / 40.1
LEGGROOM (IN), FRONT/2ND-ROW/3RD-ROW	41.0 / 39.4 / 29.7
EPA PASSENGER VOLUME (CU FT)	135.1
EPA CARGO VOLUME (CU FT), REAR SEATS UP/ 3RD-ROW FOLDED/2ND AND 3RD-ROWS FOLDED	14.4 / 38.2 / 71.2

### COMFORT & CONVENIENCE

Three-zone automatic climate control with pollen filter

Power windows with one-touch down/up feature

Power door locks with speed sensing auto locking

Front door courtesy lamps

Cruise Control

Remote keyless illuminated entry system with "answer back" feature

Push Button Start

Dual visor vanity mirrors with extension

Front door pocket illumination

Tilt & telescopic steering column

12-volt power outlets (1 front/1 cargo area)

Remote fuel-door release

Rear window defogger with timer

### STORAGE

Glove compartment

Overhead console with sunglass holder

Front center console armrest with storage and 2 USB inputs

2nd-row center armrest with integrated cup holders

Front and rear door bottle holders with storage pockets/bins

Driver and Front passenger seatback pockets

Cargo area with storage boxes and under floor storage

### **SEATING & TRIM**

7-passenger seating capacity

6-way manual adjusted driver's seat

4-way manual front passenger seat

60/40 split fold-down and reclining 2nd-row seats with tilt and slide 3rd-row access

50/50 split fold-down 3rd-row seats

Cloth trimmed seating

Leather-wrapped steering wheel

Leather-wrapped shift knob

Carpet floor mats

### **AUDIO & INFOTAINMENT**

7" full-color touch screen display

AM/FM/CD/MP3 audio system with automatic level control and 6 speakers

Bluetooth® hands-free phone and audio streaming capability

HD Radio

Multifunction Commander control

MAZDA CONNECT™ Infotainment System<sup>2</sup>

- Infotainment system voice command
- Radio Broadcast Data System program information
  - Aha™ internet radio integration
  - Pandora® internet radio integration
  - Stitcher™ internet radio integration
- SMS text message audio delivery and reply
- E911 automatic emergency notification

Auxiliary-audio input jack

USB Audio Input, 2 in front center console

Steering-wheel-mounted audio, phone and cruise controls

### **INSTRUMENTATION**

Speedometer, tachometer and fuel gauge

Ambient temperature & clock display

Trip computer

### **SAFETY & SECURITY**

Advanced dual front air bags<sup>3</sup> with seat belt-use, passenger-weight and driver's seat-position sensors

Front side-impact air bags<sup>3</sup> and side-impact air curtains<sup>3</sup> with rollover protection

3-point seat belts for all seating positions

Front seat-belt pretensioners with force limiters

Anti-lock Brake System w/ Electronic Brake force Distribution & Brake Assist

Dynamic Stability Control<sup>4</sup> with Traction Control System and Trailer Stability Assist

Rearview camera<sup>5</sup>

Roll Stability Control

Hill Launch Assist

Side-impact door beams

Engine-immobilizer antitheft system

Tire-Pressure Monitoring System (TPMS)

LATCH 2nd-row seat child-safety-seat anchors & upper tether anchors

Child-safety rear door locks

## PACKAGES & OPTIONS & ACCESSORIES

### PACKAGES & OPTIONS

#### Heated Power Driver's Seat and Heated Side Mirror Package

- 8-way power driver's seat with power lumbar support

- Heated front seats

- Heated side mirrors

#### Snowflake White Pearl Mica Paint (Extra Cost Option)

Machine Gray Metallic paint (Extra Cost Option)

### AUDIO & ENTERTAINMENT ACCESSORIES

Mazda Mobile Start-Smartphone Remote Engine Start

3.5mm Audio Cable

Mazda Navigation System SD Card

Portable Navigation Device - Garmin nuvi 2539LMT

### EXTERIOR ACCESSORIES

Roof Rack Crossbars (requires roof rails)

Aluminum Roof Rails in Satin Chrome Finish

Splash Guards (Front and Rear)

Towing Receiver Hitch with Wiring Harness

Towing Hitch Mounted Cargo Box (requires Towing receiver hitch)

Wheel Locks (set of 4)

Bike Carrier, Roof Rack (requires roof rails and cross bars)

Bike Carrier, Towing Hitch Mount

Cargo Box, Short and Medium lengths (requires roof rails and cross bars)

Hood Edge Protector

Kayak Carrier (requires roof rails and cross bars)

License Plate Frames (multiple styles and finishes available)

Mazda Valve Stem Caps

Roof Luggage Basket with stretch net (requires roof rails and cross bars)

Side Window Deflectors

Ski/Snowboard Carrier (requires roof rails and cross bars)

Surfboard Carrier (requires roof rails and cross bars)

Touch-Up Paint

LED Fog Lights

Rear Parking Sensors

### **INTERIOR ACCESSORIES**

Floor Mats, All-Weather

Carpeted Cargo Mat

Cargo Net and Side Cargo Nets

Cargo Tray

Interior Lighting Kit

Frameless auto-dimming rearview mirror with HomeLink®

Ash Tray with LED Illumination

Cargo Liner, Soft with Rear Bumper Flap

Soft Cargo Tote

First Aid Kit

Roadside Assistance Kit

Windshield Sunscreen with CX-9 logo

# 2016 MAZDA CX-9 TOURING



## ENGINE & MECHANICAL

ENGINE TYPE	SKYACTIV®-G 2.5T Dynamic Pressure Turbo DOHC 16-valve 4-cylinder with VVT
HORSEPOWER 87 OCTANE REGULAR UNLEADED FUEL	227 hp @ 5,000 rpm
HORSEPOWER 93 OCTANE PREMIUM UNLEADED FUEL	250 hp @ 5,000 rpm
TORQUE	310 lb-ft @ 2,000 rpm
REDLINE	6,300 rpm
DISPLACEMENT (CC)	2488
BORE X STROKE (MM)	89 x 100
COMPRESSION RATIO	10.5 : 1
MAXIMUM INTAKE BOOST PRESSURE (PSI)	17.4
FUEL SYSTEM	Advanced Direct Injection
RECOMMENDED FUEL	Regular unleaded
VALVETRAIN	Chain-driven dual overhead cams, 4 valves per cylinder with variable valve timing (VVT)
IGNITION SYSTEM	Direct coil-on-plug electronic ignition with iridium alloy platinum-tipped spark plugs
ENGINE BLOCK	Aluminum alloy
CYLINDER HEAD	Aluminum alloy
EMISSION CONTROL TYPE	Tier2 Bin5 (50 state)

**EPA-ESTIMATED FUEL ECONOMY**FWD, AUTOMATIC TRANSMISSION (CITY/HWY/  
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22/28/25

AWD, AUTOMATIC TRANSMISSION (CITY/HWY/  
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21/27/23

**DRIVETRAIN**

TYPE

Front-wheel drive (FWD) or i-ACTIV AWD®

AUTOMATIC TRANSMISSION

SKYACTIV®-Drive 6-speed automatic  
transmission with manual-shift and Sport Mode

GEAR RATIOS (:1)

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FINAL DRIVE

4.411

**CHASSIS**

BRAKES

4-wheel disc, diagonal hydraulic

- FRONT

12.6-inch vented disc

- REAR

12.8-inch solid disc

- ABS

4-wheel, 4-channel with Electronic Brake force  
Distribution (EBD) and Brake Assist

PARKING BRAKE

Electronic

STEERING TYPE

Power rack-and-pinion with variable assist

POWER ASSIST

Electronic Power Assist Steering (EPAS)

OVERALL STEERING RATIO

17.6:1

STEERING WHEEL TURNS, LOCK-TO-LOCK

3.1

TURNING CIRCLE DIAMETER, CURB-TO-CURB (FT)

38.8

SUSPENSION

4-wheel independent

- FRONT

MacPherson strut with stabilizer bar

- REAR

Multilink with stabilizer bar

WHEEL SIZE (IN)

18 x 8 aluminum alloy

TIRE SIZE

P255/60 R18 all-season tires

TEMPORARY SPARE TIRE

T155/90 D17

**WEIGHTS & CAPACITIES**

CURB WEIGHT (LBS)

4,054 (FWD) / 4,301 (AWD)

<b>TOWING CAPACITY (LBS)</b>	3,500 <sup>14</sup>
<b>FUEL CAPACITY (GALLONS)</b>	19.0 (FWD) / 19.5 (AWD)

## EXTERIOR

### EXTERIOR DIMENSIONS



### EXTERIOR DIMENSIONS

<b>WHEELBASE (IN)</b>	115.3
<b>TRACK, FRONT (IN)</b>	65.3
<b>TRACK, REAR (IN)</b>	65.2
<b>LENGTH (IN), WITHOUT FRONT LICENSE PLATE HOLDER</b>	199.4
<b>WIDTH (IN), WITH/WITHOUT WHEEL ARCH MOLDINGS</b>	77.5 / 77.2
<b>HEIGHT (IN), UP TO ROOF WITH/WITHOUT SHARKFIN ANTENNA</b>	69.0 / 67.6
<b>GROUND CLEARANCE (UNLADEN) (IN)</b>	8.8

### EXTERIOR FEATURES

- LED Headlights with auto off and auto height control
- LED Daytime Running Lights
- LED Combination taillights
- Variable-intermittent windshield wipers
- Intermittent rear wiper/washer
- Black front, side and rear lower body molding
- Body-colored power side mirrors with integrated LED turn signal lamps
- Heated side mirrors
- Body-color door handles

Rear privacy glass

Dual exhaust outlets

Body-color rear roof spoiler

## INTERIOR

### INTERIOR DIMENSIONS & CAPACITIES

HEADROOM (IN), FRONT/2ND-ROW/3RD-ROW	39.3 / 38.5 / 35.4
SHOULDER ROOM (IN), FRONT/2ND-ROW/3RD-ROW	57.9 / 58.1 / 53.1
HIP ROOM (IN), FRONT/2ND-ROW/3RD-ROW	56.7 / 57.4 / 40.1
LEGGROOM (IN), FRONT/2ND-ROW/3RD-ROW	41.0 / 39.4 / 29.7
EPA PASSENGER VOLUME (CU FT)	135.1
EPA CARGO VOLUME (CU FT), REAR SEATS UP/ 3RD-ROW FOLDED/2ND AND 3RD-ROWS FOLDED	14.4 / 38.2 / 71.2

### COMFORT & CONVENIENCE

Three-zone automatic climate control with pollen filter

Power windows with one-touch down/up feature

Power door locks with speed sensing auto locking

Front door courtesy lamps

Auto dimming rearview mirror with HomeLink®

Cruise Control

Mazda Advanced Keyless Entry and Start System

Push Button Start

Dual illuminated visor vanity mirrors with extension

Front door pocket illumination

Tilt & telescopic steering column

Power rear liftgate with programmable height adjustment

12-volt power outlets (1 front/1 cargo area)

Remote fuel-door release

Rear window defogger with timer

### STORAGE

Glove compartment

Overhead console with sunglass holder

Front center console armrest with storage and 2 USB inputs

2nd-row center armrest with integrated cup holders

Front and rear door bottle holders with storage pockets/bins

Driver and Front passenger seatback pockets

Cargo area with storage boxes and under floor storage

## **SEATING & TRIM**

7-passenger seating capacity

8-way power driver's seat with power lumbar support

4-way power front passenger seat

60/40 split fold-down and reclining 2nd-row seats with tilt and slide 3rd-row access

50/50 split fold-down 3rd-row seats

Heated front seats (3 levels)

Leather-trimmed seats (1st and 2nd-row outboard seating positions)

Leather-wrapped steering wheel

Leather-wrapped shift knob

Carpet floor mats

## **AUDIO & INFOTAINMENT**

8" full-color touch screen display

AM/FM/CD/MP3 audio system with automatic level control and 6 speakers

Bluetooth® hands-free phone and audio streaming capability

HD Radio

Multifunction Commander control

MAZDA CONNECT™ Infotainment System<sup>2</sup>

- Infotainment system voice command
- Radio Broadcast Data System program information
- Aha™ internet radio integration
- Pandora® internet radio integration
- Stitcher™ internet radio integration
- SMS text message audio delivery and reply
- E911 automatic emergency notification

Auxiliary-audio input jack

USB Audio Input, 2 front and 2 rear

Steering-wheel-mounted audio, phone and cruise controls

## **INSTRUMENTATION**

Speedometer, tachometer and fuel gauge, black with white lettering

Ambient temperature & clock display

Trip computer

## **SAFETY & SECURITY**

Advanced dual front air bags<sup>3</sup> with seat belt-use, passenger-weight and driver's seat-position sensors

Front side-impact air bags<sup>3</sup> and side-impact air curtains<sup>3</sup> with rollover protection

3-point seat belts for all seating positions

Front seat-belt pretensioners with force limiters

Anti-lock Brake System w/ Electronic Brake force Distribution & Brake Assist

Dynamic Stability Control<sup>4</sup> with Traction Control System and Trailer Stability Assist

Rearview camera<sup>5</sup>

Roll Stability Control

Hill Launch Assist

Advanced Blind Spot Monitoring with Rear Cross Traffic Alert<sup>6</sup>

Side-impact door beams

Engine-immobilizer antitheft system

Tire-Pressure Monitoring System (TPMS)

LATCH 2nd-row seat child-safety-seat anchors & upper tether anchors

Child-safety rear door locks

## PACKAGES & OPTIONS & ACCESSORIES

### PACKAGES & OPTIONS

#### Touring Premium Package

- Smart City Brake Support<sup>7</sup>
- Mazda Navigation system
- Bose<sup>®</sup> Centerpoint2<sup>®</sup> Surround Sound audio system with AudioPilot and 12 speakers
- SiriusXM Satellite Radio with 4-month trial subscription<sup>8</sup>
- Auto on/off headlights
- LED Fog lights
- Power sliding-glass moonroof with one-touch-open feature and interior sunshade
- Rear backup sensors
- Rain-sensing variable-intermittent windshield wipers
- 2nd-row retractable window sunshades

#### Snowflake White Pearl Mica Paint (Extra Cost Option)

Soul Red Metallic Paint (Extra Cost Option)

Machine Gray Metallic paint (Extra Cost Option)

### AUDIO & ENTERTAINMENT ACCESSORIES

Mazda Mobile Start-Smartphone Remote Engine Start

3.5mm Audio Cable

Moonroof Wind Deflector (requires Touring Premium Package)

Portable Navigation Device - Garmin nuvi 2539LMT

### EXTERIOR ACCESSORIES

Moonroof Wind Deflector (requires Touring Premium Package)

Roof Rack Crossbars (requires roof rails)

Aluminum Roof Rails in Satin Chrome Finish

Splash Guards (Front and Rear)

Class II Trailer Hitch with Wiring Harness

Trailer Hitch Mounted Cargo Box (requires Towing receiver hitch)

Wheel Locks (set of 4)

Bike Carrier, Roof Rack (requires roof rails and cross bars)

Bike Carrier, Towing Hitch Mount

Cargo Box, Short and Medium lengths (requires roof rails and cross bars)

Hood Edge Protector

Kayak Carrier (requires roof rails and cross bars)

License Plate Frames (multiple styles and finishes available)

Mazda Valve Stem Caps

Roof Luggage Basket with stretch net (requires roof rails and cross bars)

Side Window Deflectors

Ski/Snowboard Carrier (requires roof rails and cross bars)

Surfboard Carrier (requires roof rails and cross bars)

Touch-Up Paint

LED Fog Lights (Not Available with Touring Premium Package)

Rear Parking Sensors (Not Available with Touring Premium Package)

## **INTERIOR**

Floor mats, All-Weather

Carpeted Cargo Mat

Cargo Net and Side Cargo Nets

Cargo Tray

Interior Lighting Kit

Ash tray with LED Illumination

Cargo Liner, Soft with Rear Bumper Flap

Soft Cargo Tote

First Aid Kit

Roadside Assistance Kit

Windshield Sunscreen with CX-9 logo

# 2016 MAZDA CX-9 GRAND TOURING



## ENGINE & MECHANICAL

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<b>FUEL SYSTEM</b>	Advanced Direct Injection
<b>RECOMMENDED FUEL</b>	Regular unleaded
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<b>IGNITION SYSTEM</b>	Direct coil-on-plug electronic ignition with iridium alloy platinum-tipped spark plugs
<b>ENGINE BLOCK</b>	Aluminum alloy
<b>CYLINDER HEAD</b>	Aluminum alloy
<b>EMISSION CONTROL TYPE</b>	Tier2 Bin5 (50 state)

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2ND	1.992
3RD	1.449
4TH	1.000
5TH	0.707
6TH	0.600
REVERSE	3.990
FINAL DRIVE	4.411

## CHASSIS

BRAKES	4-wheel disc, diagonal hydraulic
- FRONT	12.6-inch vented disc
- REAR	12.8-inch solid disc
- ABS	4-wheel, 4-channel with Electronic Brake force Distribution (EBD) and Brake Assist
PARKING BRAKE	Electronic
STEERING TYPE	Power rack-and-pinion with variable assist
POWER ASSIST	Electronic Power Assist Steering (EPAS)
OVERALL STEERING RATIO	17.6:1
STEERING WHEEL TURNS, LOCK-TO-LOCK	3.1
TURNING CIRCLE DIAMETER, CURB-TO-CURB (FT)	38.8
SUSPENSION	4-wheel independent
- FRONT	MacPherson strut with stabilizer bar
- REAR	Multilink with stabilizer bar
WHEEL SIZE (IN)	20 x 8.5 aluminum alloy
TIRE SIZE	P255/50 R20 all-season tires
TEMPORARY SPARE TIRE	T155/90 D17

## WEIGHTS & CAPACITIES

CURB WEIGHT (LBS)	4,054 (FWD) / 4,301 (AWD)
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<b>LENGTH (IN), WITHOUT FRONT LICENSE PLATE HOLDER</b>	199.4
<b>WIDTH (IN), WITH/WITHOUT WHEEL ARCH MOLDINGS</b>	77.5 / 77.2
<b>HEIGHT (IN), UP TO ROOF WITH/WITHOUT SHARKFIN ANTENNA</b>	69.0 / 67.6
<b>GROUND CLEARANCE (UNLADEN) (IN)</b>	8.8

### EXTERIOR FEATURES

LED Headlights with auto on/off and auto height control

LED Daytime Running Lights

LED Combination taillights

LED Fog lights

High beam control

Adaptive Front Lighting System

Rain-sensing variable-intermittent windshield wipers

Intermittent rear wiper/washer

Chrome front, side and rear lower body molding

Body-colored power side mirrors with integrated LED turn signal lamps

Heated side mirrors

Body-color door handles

Rear privacy glass

Aluminum roof rails in satin chrome finish

Dual exhaust outlets

Body-color rear roof spoiler

## INTERIOR

### INTERIOR DIMENSIONS & CAPACITIES

HEADROOM (IN), FRONT/2ND-RROW/3RD-RROW	39.3 / 38.5 / 35.4
SHOULDER ROOM (IN), FRONT/2ND-RROW/3RD-RROW	57.9 / 58.1 / 53.1
HIP ROOM (IN), FRONT/2ND-RROW/3RD-RROW	56.7 / 57.4 / 40.1
LEGGROOM (IN), FRONT/2ND-RROW/3RD-RROW	41.0 / 39.4 / 29.7
EPA PASSENGER VOLUME (CU FT)	135.1
EPA CARGO VOLUME (CU FT), REAR SEATS UP/ 3RD-RROW FOLDED/2ND AND 3RD-RROWS FOLDED	14.4 / 38.2 / 71.2

### COMFORT & CONVENIENCE

Three-zone automatic climate control with pollen filter

Power sliding-glass moonroof with one-touch-open feature and interior sunshade

Power windows with one-touch down/up feature

Power door locks with speed sensing auto locking

Front and rear door courtesy lamps

Auto dimming rearview mirror with HomeLink®

Mazda Radar Cruise Control<sup>9</sup>

Mazda Advanced Keyless Entry and Start System

Push Button Start

Dual illuminated visor vanity mirrors with extension

LED accent lighting for shifter area, door pockets, door pulls and window/door lock switches

Genuine aluminum interior trim

Tilt & telescopic steering column

Power rear liftgate with programmable height adjustment

12-volt power outlets (1 front/1 cargo area)

Remote fuel-door release

2nd-row retractable window sunshades

Rear window defogger with timer

## STORAGE

Glove compartment

Overhead console with sunglass holder

Front center console armrest with storage and 2 USB inputs

2nd-row center armrest with integrated cup holders, storage and 2 USB inputs

Front and rear door bottle holders with storage pockets/bins

Driver and Front passenger seatback pockets

Cargo area with storage boxes and under floor storage

## SEATING & TRIM

7-passenger seating capacity

8-way power driver's seat with power lumbar support and 2-position memory

4-way power front passenger seat

60/40 split fold-down and reclining 2nd-row seats with tilt and slide 3rd-row access

50/50 split fold-down 3rd-row seats

Heated front seats (3 levels)

Leather-trimmed seats (1st and 2nd-row outboard seating positions)

Leather-wrapped steering wheel

Leather-wrapped shift knob

Carpet floor mats

## AUDIO & INFOTAINMENT

8" full-color touch screen display

Bose® Centerpoint2® Surround Sound audio system with AudioPilot and 12 speakers

Bluetooth® hands-free phone and audio streaming capability

HD Radio

Mazda Navigation System

Multifunction Commander control

MAZDA CONNECT™ Infotainment System<sup>2</sup>

- Infotainment system voice command
- Radio Broadcast Data System program information
  - Aha™ internet radio integration
  - Pandora® internet radio integration
  - Stitcher™ internet radio integration
- SMS text message audio delivery and reply
- E911 automatic emergency notification

SiriusXM Satellite Radio with 4-month trial subscription<sup>8</sup>

Auxiliary-audio input jack

USB Audio Input, 2 front and 2 rear

Steering-wheel-mounted audio, phone and cruise controls

## **INSTRUMENTATION**

Speedometer, tachometer and fuel gauge

Active Driving Display (Head-Up Display)

Ambient temperature & clock display

Multi-Information Display (MID) w/Trip computer

## **SAFETY & SECURITY**

Advanced dual front air bags<sup>3</sup> with seat belt-use, passenger-weight and driver's seat-position sensors

Front side-impact air bags<sup>3</sup> and side-impact air curtains<sup>3</sup> with rollover protection

3-point seat belts for all seating positions

Front seat-belt pretensioners with force limiters

Anti-lock Brake System w/ Electronic Brake force Distribution & Brake Assist

Dynamic Stability Control<sup>4</sup> with Traction Control System and Trailer Stability Assist

Rearview camera<sup>5</sup>

Roll Stability Control

Hill Launch Assist

Advanced Blind Spot Monitoring with Rear Cross Traffic Alert<sup>6</sup>

Distance Recognition Support System<sup>10</sup>

Lane Keep Assist<sup>11</sup>

Lane Departure Warning<sup>12</sup>

Rear backup sensors

Smart City Brake Support<sup>7</sup>

Smart Brake Support<sup>13</sup>

Side-impact door beams

Engine-immobilizer antitheft system

Tire-Pressure Monitoring System (TPMS)

LATCH 2nd-row seat child-safety-seat anchors & upper tether anchors

Child-safety rear door locks

## **OPTIONS & ACCESSORIES**

### **OPTIONS**

Soul Red Metallic (Extra Cost Option)

Snowflake White Pearl Mica Paint (Extra Cost Option)

Machine Gray Metallic paint (Extra Cost Option)

## **AUDIO & ENTERTAINMENT ACCESSORIES**

Mazda Mobile Start-Smartphone Remote Engine Start

3.5mm Audio Cable

Portable Navigation Device - Garmin nuvi 2539LMT

## **EXTERIOR ACCESSORIES**

Moonroof Wind Deflector

Roof Rack Crossbars

Splash Guards (Front and Rear)

Class II Trailer Hitch with Wiring Harness

Trailer Hitch Mounted Cargo Box (requires Towing receiver hitch)

Wheel Locks (set of 4)

Bike Carrier, Roof Rack (requires roof rails and cross bars)

Bike Carrier, Towing Hitch Mount

Cargo Box, Short and Medium lengths (requires roof rails and cross bars)

Hood Edge Protector

Kayak Carrier (requires roof rails and cross bars)

License Plate Frames (multiple styles and finishes available)

Mazda Valve Stem Caps

Roof Luggage Basket with stretch net (requires roof rails and cross bars)

Side Window Deflectors

Ski/Snowboard Carrier (requires roof rails and cross bars)

Surfboard Carrier (requires roof rails and cross bars)

Touch-Up Paint

## **INTERIOR ACCESSORIES**

Floor mats, All-Weather

Carpeted Cargo Mat

Cargo Net and Side Cargo Nets

Cargo Tray

Interior Lighting Kit

Ash tray with LED Illumination

Cargo Liner, Soft with Rear Bumper Flap

Soft Cargo Tote

First Aid Kit

Roadside Assistance Kit

Windshield Sunscreen with CX-9 logo

# 2016 MAZDA CX-9 SIGNATURE



## ENGINE & MECHANICAL

ENGINE TYPE	SKYACTIV®-G 2.5T Dynamic Pressure Turbo DOHC 16-valve 4-cylinder with VVT
HORSEPOWER 87 OCTANE REGULAR UNLEADED FUEL	227 hp @ 5,000 rpm
HORSEPOWER 93 OCTANE PREMIUM UNLEADED FUEL	250 hp @ 5,000 rpm
TORQUE	310 lb-ft @ 2,000 rpm
REDLINE	6,300 rpm
DISPLACEMENT (CC)	2488
BORE X STROKE (MM)	89 x 100
COMPRESSION RATIO	10.5 : 1
MAXIMUM INTAKE BOOST PRESSURE (PSI)	17.4
FUEL SYSTEM	Advanced Direct Injection
RECOMMENDED FUEL	Regular unleaded
VALVETRAIN	Chain-driven dual overhead cams, 4 valves per cylinder with variable valve timing (VVT)
IGNITION SYSTEM	Direct coil-on-plug electronic ignition with iridium alloy platinum-tipped spark plugs
ENGINE BLOCK	Aluminum alloy
CYLINDER HEAD	Aluminum alloy
EMISSION CONTROL TYPE	Tier2 Bin5 (50 state)

## EPA-ESTIMATED FUEL ECONOMY

AWD, AUTOMATIC TRANSMISSION (CITY/HWY/  
COMBINED)<sup>1</sup>

21/27/23

## DRIVETRAIN

TYPE	i-ACTIV AWD®
AUTOMATIC TRANSMISSION	SKYACTIV®-Drive 6-speed automatic transmission with manual-shift and Sport Mode
GEAR RATIOS (:1)	
1ST	3.487
2ND	1.992
3RD	1.449
4TH	1.000
5TH	0.707
6TH	0.600
REVERSE	3.990
FINAL DRIVE	4.411

## CHASSIS

BRAKES	4-wheel disc, diagonal hydraulic
- FRONT	12.6-inch vented disc
- REAR	12.8-inch solid disc
- ABS	4-wheel, 4-channel with Electronic Brake force Distribution (EBD) and Brake Assist
PARKING BRAKE	Electronic
STEERING TYPE	Power rack-and-pinion with variable assist
POWER ASSIST	Electronic Power Assist Steering (EPAS)
OVERALL STEERING RATIO	17.6:1
STEERING WHEEL TURNS, LOCK-TO-LOCK	3.1
TURNING CIRCLE DIAMETER, CURB-TO-CURB (FT)	38.8
SUSPENSION	4-wheel independent
- FRONT	MacPherson strut with stabilizer bar
- REAR	Multilink with stabilizer bar
WHEEL SIZE (IN)	20 x 8.5 aluminum alloy
TIRE SIZE	P255/50 R20 all-season tires
TEMPORARY SPARE TIRE	T155/90 D17

## WEIGHTS & CAPACITIES

CURB WEIGHT (LBS)	4,301
TOWING CAPACITY (LBS)	3,500 <sup>14</sup>

EXTERIOR

EXTERIOR DIMENSIONS



EXTERIOR DIMENSIONS

WHEELBASE (IN)	115.3
TRACK, FRONT (IN)	65.3
TRACK, REAR (IN)	65.2
LENGTH (IN), WITHOUT FRONT LICENSE PLATE HOLDER	199.4
WIDTH (IN), WITH/WITHOUT WHEEL ARCH MOLDINGS	77.5 / 77.2
HEIGHT (IN), UP TO ROOF WITH/WITHOUT SHARKFIN ANTENNA	69.0 / 67.6
GROUND CLEARANCE (UNLADEN) (IN)	8.8

EXTERIOR FEATURES

LED Headlights with auto on/off and auto height control

LED Daytime Running Lights

LED Combination taillights

LED Grille accent lighting

LED Fog lights

High beam control

Adaptive Front Lighting System

Rain-sensing variable-intermittent windshield wipers

Intermittent rear wiper/washer

Chrome front, side and rear lower body molding

Body-colored power side mirrors with integrated LED turn signal lamps

Heated side mirrors

Body-color door handles

Rear privacy glass

Aluminum roof rails in satin chrome finish

Dual exhaust outlets

Body-color rear roof spoiler

## INTERIOR

### INTERIOR DIMENSIONS & CAPACITIES

HEADROOM (IN), FRONT/2ND-ROW/3RD-ROW	39.3 / 38.5 / 35.4
SHOULDER ROOM (IN), FRONT/2ND-ROW/3RD-ROW	57.9 / 58.1 / 53.1
HIP ROOM (IN), FRONT/2ND-ROW/3RD-ROW	56.7 / 57.4 / 40.1
LEGGROOM (IN), FRONT/2ND-ROW/3RD-ROW	41.0 / 39.4 / 29.7
EPA PASSENGER VOLUME (CU FT)	135.1
EPA CARGO VOLUME (CU FT), REAR SEATS UP/ 3RD-ROW FOLDED/2ND AND 3RD-ROWS FOLDED	14.4 / 38.2 / 71.2

### COMFORT & CONVENIENCE

Three-zone automatic climate control with pollen filter

Power sliding-glass moonroof with one-touch-open feature and interior sunshade

Power windows with one-touch down/up feature

Power door locks with speed sensing auto locking

Front and rear door courtesy lamps

Auto dimming rearview mirror with HomeLink®

Mazda Radar Cruise Control

Mazda Advanced Keyless Entry and Start System

Push Button Start

Dual illuminated visor vanity mirrors with extension

LED accent lighting for shifter area, door pockets, door pulls and window/door lock switches

Genuine aluminum interior trim

Genuine rosewood inlays - shifter surround and door switchgear

Tilt & telescopic steering column

Power rear liftgate with programmable height adjustment

12-volt power outlets (1 front/1 cargo area)

Remote fuel-door release

2nd-row retractable window sunshades

Rear window defogger with timer

## **STORAGE**

Glove compartment

Overhead console with sunglass holder

Front center console armrest with storage and 2 USB inputs

2nd-row center armrest with integrated cup holders, storage and 2 USB inputs

Front and rear door bottle holders with storage pockets/bins

Driver and Front passenger seatback pockets

Cargo area with storage boxes and under floor storage

## **SEATING & TRIM**

7-passenger seating capacity

8-way power driver's seat with power lumbar support and 2-position memory

4-way power front passenger seat

60/40 split fold-down and reclining 2nd-row seats with tilt and slide 3rd-row access

50/50 split fold-down 3rd-row seats

Heated front seats (3 levels)

Napa leather-trimmed seats (1st and 2nd-row outboard seating positions)

Leather-wrapped steering wheel with unique stitching

Leather-wrapped shift knob

Carpet floor mats

## **AUDIO & INFOTAINMENT**

8" full-color touch screen display

Bose® Centerpoint2® Surround Sound audio system with AudioPilot and 12 speakers

Bluetooth® hands-free phone and audio streaming capability

HD Radio

Mazda Navigation System

Multifunction Commander control

MAZDA CONNECT™ Infotainment System<sup>2</sup>

- Infotainment system voice command
- Radio Broadcast Data System program information
  - Aha™ internet radio integration
  - Pandora® internet radio integration
  - Stitcher™ internet radio integration
- SMS text message audio delivery and reply
- E911 automatic emergency notification

SiriusXM Satellite Radio with 4-month trial subscription<sup>8</sup>

Auxiliary-audio input jack

USB Audio Input, 2 front and 2 rear

Steering-wheel-mounted audio, phone and cruise controls

## **INSTRUMENTATION**

Speedometer, tachometer and fuel gauge, black with white lettering

Active Driving Display (Head-Up Display)

Ambient temperature & clock display

Multi-Information Display (MID) w/Trip computer

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Soft Cargo Tote

First Aid Kit

Roadside Assistance Kit

Windshield Sunscreen with CX-9 logo

## 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.

2016 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. See dealer for details.

### 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 drivable 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 drivable 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.

### DISCLAIMERS

1 EPA-estimated mileage. Actual results will vary, depending on driving conditions.

2 Don't drive while distracted. Even with voice commands, only use MAZDA CONNECT™/ other devices when safe. Some features may be locked out while the vehicle is in gear. Not all features are compatible with all phones. Message and data rates may apply.

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

4 Dynamic Stability Control 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.

5 Rearview camera does not provide a comprehensive view of the entire rear area of this vehicle. Always check your surroundings.

6 Always check your mirrors. Be aware of the traffic around you.

7 Smart City Brake Support operates under certain low-speed conditions between 2 and 18 MPH. It is not a substitute for safe and attentive driving. Factors including movement and shape of the object in front of the vehicle, weather and road conditions can all impact automatic stopping.

8 SiriusXM Satellite Radio reception requires a subscription and Mazda Satellite radio. Subscriptions to SiriusXM services are sold by SiriusXM after a 4-month trial subscription to the Sirius all access package expires and are continuous until you call SiriusXM at 1-866-635-2349 to cancel. See SiriusXM Customer Agreement for complete terms at [www.siriusxm.com](http://www.siriusxm.com). Sirius satellite service available only to those 18 and older in the 48 continuous USA, DC, and P.R. (with coverage limitations) Sirius, XM and related marks and logos are trademarks of Sirius XM Radio Inc.

9 Mazda Radar Cruise Control system is not a substitute for safe and attentive driving. There are limitations to the range and detection of the system. Please see your owner's manual for further details.

10 Distance Recognition Support System is not a substitute for safe and attentive driving. There are limitations to the range and detection of the system. Please see your owner's manual for further details.

11 Lane Keep Assist is not a substitute for safe and attentive driving. There are limitations to the range and detection of the system. Please see your owner's manual for further details.

12 Lane Departure Warning system is not a substitute for safe and attentive driving. There are limitations to the range and detection of the system. Please see your owner's manual for further details.

13 Smart Brake Support operates under certain conditions above 10 mph. It is not a substitute for safe and attentive driving. Factors including movement and shape of the object in front of the vehicle, weather and road conditions can all impact automatic brake control and collision warning.

14 Up to 3,500 lbs. of towing capacity. Towing capacities shown are maximums and must be reduced by the weight of any passenger, cargo hitch or optional equipment in the towing vehicle. Please refer to vehicle Owner's Manual for details regarding towing capacities and other valuable information. Towing a trailer may have an effect on 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.

SKYACTIV is a registered trademark of Mazda Motor Corporation.

Bluetooth is a registered trademark of Bluetooth SIG, Inc.

HomeLink is a registered trademark of Gentex Corporation

i-ACTIV AWD is a registered trademark of Mazda Motor Corporation.