

2018 MAZDA CX-9

SPECIFICATIONS



mazda

2018 MAZDA CX-9 SPORT



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 REGULATION (50 STATE)	T3Bin125
SKYACTIV VEHICLE DYNAMICS WITH G-VECTURING CONTROL	

EPA-ESTIMATED FUEL ECONOMYFWD, AUTOMATIC TRANSMISSION (CITY/HWY)¹ 22/28AWD, AUTOMATIC TRANSMISSION (CITY/HWY)¹ 20/26**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)	4,166 (FWD) / 4,361 (AWD)
TOWING CAPACITY (LBS)	3,500 ²
FUEL CAPACITY (GALLONS)	19.0 (FWD) / 19.5 (AWD)

EXTERIOR

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
LEGROOM (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 entry system

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/HD Radio™ audio system with automatic level control and 6 speakers

Bluetooth® hands-free phone and audio streaming capability

MAZDA CONNECT™ Infotainment System⁴

- Multifunction Commander control
- 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 front air bags⁶ with seat belt-use, passenger-weight sensors

Front side-impact air bags⁶ and side-impact air curtains⁶ with rollover protection

3-point seat belts for all seating positions

Front seat-belt pretensioners with force limiters

Anti-lock Brake System with Electronic Brake force Distribution & Brake Assist

Dynamic Stability Control⁷ with Traction Control System and Trailer Stability Assist

Rearview camera⁸

Roll Stability Control

Hill Launch Assist

Advanced Blind Spot Monitoring with Rear Cross Traffic Alert⁹

Smart City Brake Support¹²

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

PACKAGES

Power Driver's Seat and Heated Side Mirror Package

- Power driver's seat with power lumbar support
 - Heated front cloth seats
 - Heated outside mirrors
 - Auto On/Off Headlights
 - High Beam Control
 - Lane Keep Assist¹⁰
 - Lane Departure Warning¹¹
- Mazda Radar Cruise Control with Stop & Go³
 - Rain Sensing Wipers
 - Smart Brake Support¹³

OPTIONS

Snowflake White Pearl Mica Paint (Extra Cost Option)

Machine Gray Metallic paint (Extra Cost Option)

2018 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 REGULATION (50 STATE)	T3Bin125
SKYACTIV VEHICLE DYNAMICS WITH G-VECTURING CONTROL	

EPA-ESTIMATED FUEL ECONOMY

FWD, AUTOMATIC TRANSMISSION (CITY/HWY)¹ 22/28

AWD, AUTOMATIC TRANSMISSION (CITY/HWY)¹ 20/26

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) 4,166 (FWD) / 4,361 (AWD)

TOWING CAPACITY (LBS)

3,500²

FUEL CAPACITY (GALLONS)

19.0 (FWD) / 19.5 (AWD)

EXTERIOR

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

High Beam Control

Rain-sensing 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
LEGROOM (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®

Mazda Radar Cruise Control with Stop & Go³

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

Power driver's seat with power lumbar support

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/HD Radio™ audio system with automatic level control and 6 speakers

Bluetooth® hands-free phone and audio streaming capability

MAZDA CONNECT™ Infotainment System⁴

- Multifunction Commander control
- 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 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 front air bags⁶ with seat belt-use, passenger-weight sensors

Front side-impact air bags⁶ and side-impact air curtains⁶ with rollover protection

3-point seat belts for all seating positions

Front seat-belt pretensioners with force limiters

Anti-lock Brake System with Electronic Brake force Distribution & Brake Assist

Dynamic Stability Control⁷ with Traction Control System and Trailer Stability Assist

Rearview camera⁸

Roll Stability Control

Hill Launch Assist

Advanced Blind Spot Monitoring with Rear Cross Traffic Alert⁹

Lane Keep Assist¹⁰

Lane Departure Warning¹¹

Smart City Brake Support¹²

Smart Brake Support¹³

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

PACKAGES

Touring Premium Package

- Bose® Centerpoint® Surround Sound System with AudioPilot® and 12 speakers
- LED Foglights
- Power sliding-glass moonroof with one-touch open feature and interior sunshade
- Front parking sensors
- Rear backup Sensors
- 2nd-row retractable window sunshades
- SiriusXM Satellite Radio with 4-month trial subscription⁵
- Mazda Navigation System

OPTIONS

Snowflake White Pearl Mica Paint (Extra Cost Option)

Soul Red Crystal Metallic Paint (Extra Cost Option)

Machine Gray Metallic paint (Extra Cost Option)

2018 MAZDA CX-9 GRAND 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 REGULATION (50 STATE)	T3Bin125
SKYACTIV VEHICLE DYNAMICS WITH G-VECTORING CONTROL	

EPA-ESTIMATED FUEL ECONOMY

FWD, AUTOMATIC TRANSMISSION (CITY/HWY)¹ 22/28

AWD, AUTOMATIC TRANSMISSION (CITY/HWY)¹ 20/26

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) 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) 4,166 (FWD) / 4,361 (AWD)

TOWING CAPACITY (LBS)	3,500 ²
FUEL CAPACITY (GALLONS)	19.0 (FWD) / 19.5 (AWD)

EXTERIOR

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 Fog lights

High beam control

Adaptive Front Lighting System

Rain-sensing variable-intermittent windshield wipers

Windshield Wiper De-icer

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 with Stop & Go³

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

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

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)

Heated 2nd-row seats

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

Leather-wrapped steering wheel

Heated 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

MAZDA CONNECT™ Infotainment System⁴

- Multifunction Commander control
- 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 subscription⁵

Auxiliary-audio input jack

USB 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 with Traffic Sign Recognition

Ambient temperature & clock display

Multi-Information Display (MID) with Trip computer

SAFETY & SECURITY

Advanced front air bags⁶ with seat belt-use, passenger-weight sensors

Front side-impact air bags⁶ and side-impact air curtains⁶ with rollover protection

3-point seat belts for all seating positions

Front seat-belt pretensioners with force limiters

Anti-lock Brake System with Electronic Brake force Distribution & Brake Assist

Dynamic Stability Control⁷ with Traction Control System and Trailer Stability Assist

Rearview camera⁸

Roll Stability Control

Hill Launch Assist

Advanced Blind Spot Monitoring with Rear Cross Traffic Alert⁹

Lane Keep Assist¹⁰

Lane Departure Warning¹¹

Front parking sensors

Rear backup sensors

Smart City Brake Support¹²

Smart Brake Support¹³

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

Snowflake White Pearl Mica Paint (Extra Cost Option)

Soul Red Crystal Metallic Paint (Extra Cost Option)

Machine Gray Metallic paint (Extra Cost Option)

2018 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 REGULATION (50 STATE)	T3Bin125
SKYACTIV VEHICLE DYNAMICS WITH G-VECTURING CONTROL	

EPA-ESTIMATED FUEL ECONOMY

AWD, AUTOMATIC TRANSMISSION (CITY/HWY)¹

20/26

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) 4,361

TOWING CAPACITY (LBS) 3,500²

FUEL CAPACITY (GALLONS)

19.5

EXTERIOR

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

Windshield Wiper De-icer

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 with Stop & Go³

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

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

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)

Heated 2nd-row seats

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

Leather-wrapped steering wheel with unique stitching

Heated 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

MAZDA CONNECT™ Infotainment System⁴

- Multifunction Commander control
- 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 subscription⁵

Auxiliary-audio input jack

USB 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 with Traffic Sign Recognition

Ambient temperature & clock display

Multi-Information Display (MID) with Trip computer

SAFETY & SECURITY

Advanced front air bags⁶ with seat belt-use, passenger-weight sensors

Front side-impact air bags⁶ and side-impact air curtains⁶ with rollover protection

3-point seat belts for all seating positions

Front seat-belt pretensioners with force limiters

Anti-lock Brake System with Electronic Brake force Distribution & Brake Assist

Dynamic Stability Control⁷ with Traction Control System and Trailer Stability Assist

Rearview camera⁸

Roll Stability Control

Hill Launch Assist

Advanced Blind Spot Monitoring with Rear Cross Traffic Alert⁹

Lane Keep Assist¹⁰

Lane Departure Warning¹¹

Front parking sensors

Rear backup sensors

Smart City Brake Support¹²

Smart Brake Support¹³

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

Snowflake White Pearl Mica Paint (Extra Cost Option)

Machine Gray Metallic paint (Extra Cost Option)

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.

2018 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 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.

3 Mazda Radar Cruise Control with Stop & Go (MRCC with Stop & Go) is not a substitute for safe and attentive driving. There are limitations to the range and detection of the system. Driver action is required to resume MRCC with Stop & Go after stop. Please see your owner's manual for further details.

4 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.

5 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. 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.

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

7 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.

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

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

10 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.

11 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.

12 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.

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.