

# CANADA

## 2023 Jeep® Cherokee

# SPECIFICATIONS

*Specifications are based on the latest product information available at the time of publication.  
All dimensions are in millimetres (inches) unless otherwise noted.  
All dimensions measured at curb weight with standard tires and wheels.*

### GENERAL INFORMATION

Body Style	Sport-utility vehicle (SUV)
Assembly Plant	Belvidere Assembly Plant, Belvidere, Illinois, USA
EPA Vehicle Class	Multipurpose vehicle
Introduction Date	First quarter of 2018 as a 2019 model

### BODY AND CHASSIS

Layout	Transverse front engine, 4x4
Construction	Steel uniframe

### ENGINE: 2.0-LITRE TURBO I-4 ENGINE WITH ENGINE STOP-START (ESS)

Availability	Trailhawk
Type and Description	Inline Turbo DOHC
Displacement	1,955 cu. cm (121.7 cu. in.)
Bore x Stroke	84.0 x 90 (3.31 x 3.54)
Valve System	Chain-driven, DOHC, variable-valve timing for intake and exhaust
Fuel Injection	Direct injection
Construction	Aluminum block and aluminum heads
Compression Ratio	10.0:1
Power (SAE net)	270 hp (200 kW) @ 5,250 rpm (134 hp/litre)
Torque (SAE net)	295 lb.-ft. (400 N•m) @ 3,000-4,500 rpm
Max. Engine Speed	5,800 rpm, electronically limited
Fuel Requirement	Regular unleaded, 87 octane (R+M)/2
Oil Capacity	4.7 litres (5.0 quarts)
Coolant Capacity	3.25 litres (3.4 quarts)
Emission Controls	Cooled, high-pressure EGR. Close coupled three-way catalytic converters. Engine stop-start (ESS) technology <sup>(a)</sup>

**ENGINE: 2.0-LITRE TURBO I-4 ENGINE WITH ENGINE STOP-START (ESS) (CONTINUED)**

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Energide (2023) Fuel Consumption Ratings L/100 km (city/hwy/combined)	11.8/9.2/10.6 - Jeep Active Drive II
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Based on 2023 Energide fuel consumption ratings. Government of Canada test methods used. Your actual fuel consumption will vary based on driving habits and other factors. For EnerGuide information, please visit the Government of Canada website: [www.vehicles.nrcan.gc.ca](http://www.vehicles.nrcan.gc.ca)

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Engine Assembly Plant	Trenton Engine Plant, Trenton, Michigan, USA
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**ENGINE: 2.4-LITRE PZEV MULTIAIR2 TIGERSHARK I-4 WITH ENGINE STOP-START (ESS)**

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Availability	Standard — Altitude
Type and Description	Inline four-cylinder, 16-valve MultiAir with multiport fuel injection
Displacement	2,360 cu. cm (144 cu. in.)
Bore x Stroke	88 x 97 (3.46 x 3.81)
Valve System	Chain-driven, SOHC, four valves per cylinder (16 total)
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Aluminum block, aluminum cylinder head
Compression Ratio	10:1
Power (SAE net — estimated)	180 hp (kW) @ 6,400 rpm
Torque (SAE net — estimated)	171 lb.-ft. (234 N•m) @ 4,600 rpm
Max. Engine Speed	6,500 rpm
Fuel Requirement	Unleaded regular, 87 octane
Oil Capacity	5.2 litres (5.5 quarts)
Coolant Capacity	6.7 litres (7.1 quarts)
Emission Controls	Single catalytic converter, heated wide band lambda sensor upstream and mid-catalyst heated oxygen sensor <sup>(c)</sup>
	Bin 70 / SULEV 30 with zero evaporative emissions

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Energide (2023) Fuel Consumption Ratings L/100 km (city/hwy/combined)	11.2/8.0/9.8
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Engine Assembly Plant	Dundee Engine Plant, Dundee, Michigan, USA
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**TRANSMISSION: 948TE NINE-SPEED AUTOMATIC**

Availability	Standard — all models
Description	Planetary gear train, transverse layout

**TRANSMISSION: 948TE NINE-SPEED AUTOMATIC (CONTINUED)**

Ratio Spread	9.81
Gear Ratio	
1st	4.71
2nd	2.84
3rd	1.91
4th	1.38
5th	1.00
6th	0.81
7th	0.70
8th	0.58
9th	0.48
Reverse	3.83
Axle Ratios	2.0-litre Turbo — 3.734 2.4-litre 4x4 — 3.734

**4X4 SYSTEMS: JEEP ACTIVE DRIVE I, JEEP ACTIVE DRIVE II, JEEP ACTIVE DRIVE LOCK**

Availability	Jeep Active Drive I standard on Altitude Jeep Active Drive II standard on Trailhawk Jeep Active Drive Lock standard on Trailhawk
Type	Electronic 4x4 Low and Neutral range shifting for Active Drive II and Lock Full-time 4x4 mode with active on demand clutch on all 4x4 systems
Operating Modes	Auto 4x4 4x4 Low, Neutral for Active Drive II and Lock
Center Differential Type	None
Terrain Response	Unique tuning in all terrain modes
Low-range Ratio	2.92:1
Locking Rear Differential	Mechanical locking differential on Active Drive Lock: Standard on Trailhawk

Hill-descent Control (HDC)	Electronic Hill-descent Control on Active Drive II and Lock
Selec-Speed Control	Selec-Speed Control on Active Drive Lock

## **ELECTRICAL SYSTEM**

Alternator	160-amp, 180-amp optional
Battery	700-amp AGM: H7

## **SUSPENSION**

Front	McPherson strut, long travel coil springs, one-piece steel sub-frame, aluminum lower control arms, stabilizer bar
Rear	Four link rear suspension with trailing arm, aluminum lateral links, isolated high-strength steel rear cradle, coil springs, stabilizer bar

## **STEERING**

Type	Electric power rack and pinion
Overall Ratio	15.15 4x4, 15.36 4x4 Lock
Turning Diameter (curb-to-curb)	4x4 I: 11.5 m (37.7 ft.) 4x4 II: 11.6 m (38.0 ft.) 4x4 Jeep Active Drive Lock: 11.6 m (38.1 ft.)
Steering Turns (lock-to-lock)	2.56 4x4, 2.67 4x4 Lock

## **BRAKES**

Front	
Size and type	330 x 28 (13 x 1.1) vented rotor with 60 (2.36) single-piston floating caliper 330 x 28 (13 x 1.1) vented rotor with 48 (1.89) twin piston floating caliper (available)
Swept area (per caliper)	651.1 sq. cm (100.9 sq. in.), 1 x 60; 839.4 sq. cm (130.1 sq. in.), 2 x 48
Rear	
Size and type	278 x 12 (10.95 x 0.47) solid rotor with 38 (1.5) single-piston floating caliper 320 x 12 (12.6 x 0.47) solid rotor with 43 (1.69) single piston floating caliper (available)
Swept area (per caliper)	638.6 sq. cm (99.0 sq. in.) 1 x 38; 754.8 sq. cm (117.0 sq. in.), 1 x 43
Power-assist Type	230 + 230 (9 + 9) tandem diaphragm, vacuum assist
Four-wheel Antilock Brake System (ABS)	Standard
Electronic Stability Control (ESC)	Standard
Parking Brake Type	Electric motor on caliper

All-speed Traction Control	Standard
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### **DIMENSIONS AND CAPACITIES<sup>(a)</sup>**

Wheelbase	2,707 (106.6) 4x4 I, 2,719.8 (107.1) 4x4 Lock
Track, Front	1,594 (62.7) 4x4, 4x4 II, and 1,614.4 (63.6) 4x4 Lock
Track, Rear	1,601.2 (63.1) 4x4, 1,594.1 (62.7) 4x4 II, and 1,614.1 (63.5) 4x4 Lock
Overall Length (NAFTA vehicles)	4,650 (183.1) on-road 4,645 (182.9) Trailhawk
Overall Width	1,858.8 (73.2) 4x4, 1,903.6 (74.9) 4x4 Lock
Overall Height (with roof rack)	1,68.9 (66.2 (1,682.9) 4x4, 1,710 (67.3) 4x4 II, and 1,723.3 (67.8) 4x4 Lock
Load-floor Height	785.6 (30.9) 4x4
Sill-step Height	453.8 (17.9) front step height, 460.8 (18.1) rear step height, 4x4
Ground Clearances Trailhawk (4x4 with P245/65R17 tires)	221.6 (8.7) minimum running ground clearance (4x4 Lock)
Chassis	247.8 (9.7) cradle bolt head / 222.9 (8.8) front underbody skid plate
Fuel Tank	266.2 (10.5) (bolt under fuel tank) / 255.3 (10) brush guard
Front Axle	265.4 (10.4) two-speed PTU heat shield
Rear Axle	246.4 (9.7) two-speed RDM with locker
Approach Angle (with air dam) (degrees)	29.9 4x4 Lock; 18.9 4x4 I, 21.0 4x4 II
Breakover Angle (degrees)	22.9 4x4 Lock; 19.5 4x4 I; 21.7 4x4 II
Departure Angle (degrees)	32.2 4x4 Lock; 25.0 4x4 I; 27.3 4x4 II
Aero Cd	0.339 (2.4-litre FWD with grille shutters)
Fuel Tank Capacity	60.0 litres (15.9 gallons)
Maximum Occupants and Cargo Weight, kg (lbs.)	454 (1,000)
Tow Capacity, kg (lbs.)	
2.0-litre engine automatic transmission with Trailer Tow Package (Class III)	1,800 (4,000)
Curb Weight, lbs. (kg)	
2.4-litre 4x4	1,758 (3,875)
2.0-litre 4x4	1,815 (4,000)

**DIMENSIONS AND CAPACITIES<sup>(a)</sup> (CONTINUED)**

2.0-litre 4x4 Lock	1,933 (4,260)
Weight Distribution, 4x4, percent F/R	58/42
GVWR	2,494 kg (5,500 lbs.) — 2.4-litre 4x4

(a) All dimensions measured with two passengers.

**ACCOMMODATIONS**

Seating Capacity — Front/Rear	2/3
Front Row	
Headroom without sunroof	999.9 (39.4)
Headroom with sunroof	964.5 (37.9)
Legroom	1,045 (41.1)
Shoulder room	1,462.3 (57.6)
Hip room	1,366.6 (53.8)
Seat travel	210 (8.3) driver / 190 (7.5) front passenger
Recliner range (degrees)	8 to 76 (manual) / 8 to 55.25 (power)
SAE volume (standard roof)	1,528.5 litres (53.98 cu. ft.)
Second Row	
Headroom	978.2 (38.5)
Legroom	1,023.2 (40.3)
Knee clearance	90.1 (3.5)
Shoulder room	1,399.8 (55.1)
Hip room	1,268.1 (49.9)
Recliner range (degrees)	19.25 to 25.25
SAE cargo volume (cu. ft.)	1,400.8 litres (49.47 cu. ft.)
Cargo Access	
Liftover height	785.6 (30.9) 4x4
Maximum cargo width at liftgate opening	1,051 (41.4) without subwoofer
Minimum cargo width at liftgate opening	917.2 (36.1) at top of opening
Maximum cargo height at liftgate opening	825.0 (32.5) 4x4 Lock
Distance between wheelhouse interior trim	1,000.5 (39.4)

## ACCOMMODATIONS (CONTINUED)

### SAE Cargo Volume

Rear seats up, litres (cu. ft.)	730.5 (25.8) 781.5 (27.6) with cargo floor in lower position
Rear seats folded, litres (cu. ft.)	1,548.9 (54.7)
EPA interior volume index, litres (cu. ft.)	3,624 (128)
Behind rear seat — sliding	696.5 (24.6 cu. ft.) rear seat at design position 761.7 (26.9 cu. ft.) rear seat at mid travel 696.5 (24.6 cu. ft.) rear seat at full forward
Behind front-row seats with rear seats folded, litres (cu. ft.)	1,548 (54.7)

## WHEELS

Availability	Standard — Altitude 4x4
Type and material	Gloss Black aluminum
Size	18 x 7
Availability	Standard — Trailhawk
Type and material	Painted Black aluminum
Size	17 x 7.5

## TIRES

### TIRES (CONTINUED)

Availability	Standard— Altitude 4x4
Size and type	225/60R18 BSW, All-season
Mfr. and model	Continental ProContact TX
Revs per km (mile)	449 (724)
Availability	Standard —Trailhawk
Size and type	P245/65R17 OWL All-terrain
Mfr. and model	Firestone Destination A/T
Revs per km (mile)	443 (713)

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