

# FCA CANADA

## 2019 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, Illinois
Energide Vehicle Class	Multipurpose vehicle
Introduction Date	First quarter of 2018 as a 2019 model

#### BODY AND CHASSIS

Layout	Transverse front engine, 4x2 and 4x4
Construction	Steel uniframe

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

Availability	Optional — North , Limited, Overland and Trailhawk
Type and Description	Inline Turbo DOHC
Displacement	1,995 cc (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 (200kW) @ 5,250 rpm (134hp/litre)
Torque (SAE net)	295 lb-ft (400N•m) @ 3,000-4,500 rpm
Max. Engine Speed	5800 rpm, electronically limited
Fuel Requirement	Premium unleaded, 91 octane (R+M)/2 — Recommended Regular unleaded, 87 octane (R+M)/2 — Acceptable
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 technology
EnerGuide (2019) Fuel Consumption Ratings L/100 km (MPG – imp. gal.) city/hwy/combined	10.4/10.6/9.1 (27/27/31) — 4x2
	11.2/8.0/9.8 (25/35/29) — Jeep Active Drive I
	11.5/8.6/10.2 (25/33/28) — Jeep Active Drive II
	11.8/9.2/10.6 (24/31/27) — Jeep Active Drive Lock

Based on 2019 EnerGuide 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)

Engine Assembly Plant	Trenton Engine Plant, Trenton, Michigan
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#### **ENGINE: 3.2-LITRE PENTASTAR V-6 WITH ENGINE STOP-START (ESS)**

Availability	Standard — Limited 4x4, Trailhawk and Overland
	Optional — Sport , North, Limited 4x2
Type and Description	60-degree V-type, liquid-cooled
Displacement	3,239 cc (197.7 cu. in.)
Bore x Stroke	910 x 83.0 (3.58 x 3.27)
Valve System	Chain-driven, DOHC, 24 valves, with hydraulic roller finger followers
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Die-cast aluminum block, aluminum alloy heads
Compression Ratio	10.7:1
Power (SAE net)	271 hp (199 kW) @ 6,500 rpm (82.4 hp/litre)
Torque (SAE net)	239 lb.-ft. (316 N•m) @ 4,400 rpm
Max. Engine Speed	6,500 rpm, electronically limited
Fuel Requirement	Regular unleaded, 87 octane (R+M)/2
Oil Capacity	5.7 litres (6.0 quarts)
Coolant Capacity	9.2 litres (9.7 quarts)
Emission Controls	Two mini-oxidation three-way catalytic converters; four heated oxygen sensors; and internal engine features
	Engine stop-start technology
EnerGuide (2019) Fuel Consumption Ratings L/100 km (MPG – imp. gal.)	11.9/8.2/10.2 (24/34/28) — 4x2
	12.2/8.6/10.6 (23/33/27) — Jeep Active Drive I

city/hwy/combined

12.8/9.0/11.1 (22/31/25) — Jeep Active Drive II

12.9/9.9/11.6 (22/29/24) — Jeep Active Drive Lock

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Engine Assembly Plant

Trenton Engine, Trenton, Michigan

**ENGINE: 2.4-LITRE PZEV MULTIAIR2 TIGERSHARK I-4 WITH ENGINE STOP-START (ESS)**

Availability

Standard — Sport , North, Limited 4x2

Type and Description

Inline four-cylinder, 16-valve MultiAir with multiport fuel injection

Displacement

2,360 cc (144 cu. in.)

Bore x Stroke

88 x 97

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

Bin 70 / SULEV 30 with zero evaporative emissions

EnerGuide (2019) Fuel Consumption Ratings  
L/100 km (MPG – imp. gal.)

10.8/7.6/9.3 (26/37/30) — 4x2

city/hwy/combined

11.2/8.0/9.8 (25/35/29) — Jeep Active Drive I

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Engine Assembly Plant

Dundee Engine Plant, Dundee, Michigan

**TRANSMISSION: 948TE NINE-SPEED AUTOMATIC**

Availability	Standard — all models
Description	Planetary gear train, transverse layout
Ratio Spread	9.81
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<b>Gear Ratio</b>	
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	3.2-litre 4x2 — 3.251
	3.2-litre 4x4 (non-trailer tow) — 3.251
	3.2-litre 4x4 (trailer tow) — 3.517
	3.2-litre 4x4 Active Drive II and Trailhawk — 3.517
	2.4-litre 4x2 — 3.734
	2.4-litre 4x4 (non-Trailhawk) — 3.734
	2.0-litre Turbo — 3.734

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

Availability	Jeep Active Drive I is optional on Sport, North and Limited models. Jeep Active Drive II is optional on North, Limited and Overland models Jeep Active Drive Lock is standard on Trailhawk
Type	Fully disconnecting 4x2 mode with automatic 4x4 engagement 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 4x2/4x4 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 4x2 and 4x4, 15.36 4x4 Lock
Turning Diameter (curb-to-curb), m (ft.)	4x2: 11.5 (37.6) 4x4 I: 11.5 (37.7) 4x4 II: 11.6 (38.0) 4x4 Jeep Active Drive Lock: 11.6 (38.1)
Steering Turns (lock-to-lock)	2.56 4x2 and 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
<b>Rear</b>	
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	9 + 9 (230 + 230) tandem diaphragm, vacuum assist
Four-wheel anti-lock brake system (ABS)	Standard
Electronic stability control (ESC)	Standard
Parking Brake Type	Electric motor on caliper
All-speed Traction Control	Standard
<b>DIMENSIONS AND CAPACITIES<sup>(a)</sup></b>	
Wheelbase	2,705 (106.48) 4x2, 2,707 (106.6) 4x4 I, 2,719.8 (107.1) 4x4 Lock
Track, Front	1,594 (62.7) 4x4, 4x2, 4x4 II, and 1,614.4 (63.6) 4x4 Lock
Track, Rear	1,601.2 (63.1) 4x4 and 4x2, 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) 4x2 and 4x4, 1,903.6 (74.9) 4x4 Lock
Overall Height (with roof rack)	1,682.9 (66.2) 4x4, 1,670.2 (65.7) 4x2, 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; 16.7 4x2
Breakover Angle (degrees)	22.9 4x4 Lock; 19.5 4x4 I; 21.7 4x4 II; 17.7 4x2
Departure Angle (degrees)	32.2 4x4 Lock; 25.0 4x4 I; 27.3 4x4 II; 24.6 4x2
Aero Cd	0.339 (2.4-litre FWD with grille shutters)
Fuel Tank Capacity	60.0 litres (15.9 gal.)
Maximum Occupants and Cargo Weight, kg (lbs.)	454 (1,000)
Tow Capacity, kg (lbs.)	
All models without Trailer Tow Group and equipped with aftermarket Class II type hitch	907 (2,000)
2.4-litre engine automatic transmission with Trailer Tow Package (Class III)	907 (2,000)
2.0-litre engine automatic transmission with Trailer Tow Package (Class III)	1,800 (4,000)
3.2-litre engine automatic transmission with Trailer Tow Package (Class III)	2,041 (4,500)
Curb Weight, kg (lbs.)	
2.4-litre 4x2	1,629 (3,590)
3.2-litre 4x2	1,683 (3,710)
2.0-litre 4x2	1,692 (3,730)
2.4-litre 4x4	1,758 (3,875)
3.2-litre 4x4	1,798 (3,960)
2.0-litre 4x4	1,815 (4,000)
3.2-litre 4x4 Lock	1,928 (4,250)
2.0-litre 4x4 Lock	1,933 (4,260)
Weight Distribution, 4x4, percent F/R	57/43
Weight Distribution, 4x2, percent F/R	58/42
GVWR	2,290 kg (5,050 lb) — 2.4-litre FWD
	2,494 kg (5,500 lb) — 2.4-litre 4x4, 3.2-litre FWD, 3.2-litre 4x4

(a) All dimensions measured with two passengers.

## ACCOMMODATIONS

Seating Capacity — Front/Rear	2/3
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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 (powered)
SAE Volume (standard roof)	1,528 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	1,400 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
Minimum Cargo Height at Liftgate Opening	780.0 (30.7) 4x2
Distance Between Wheelhouse Interior Trim	1,000.5 (39.4)
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.)	1634 (57.7)

EPA Interior Volume Index, litres (cu. ft.)	3,624.5 (128)
Behind Rear Seat — Sliding, litres (cu. ft.)	696.5 (24.6) rear seat at design position
	761.7 (26.9 cu. ft.) rear seat at mid travel
	824.0 (29.1 cu. ft.) rear seat at full forward
	696.5 (24.6 cu. ft.) rear seat at design position
	Fixed rear seat
Behind Front-row Seats with Rear Seats Folded, litres (cu. ft.)	1634 (57.7)

## WHEELS

Availability	Standard — Sport
Type and Material	Steel
Size	17 x 7
Availability	Standard — North
Type and Material	Satin Carbon cast aluminum
Size	17 x 7
Availability	Standard — Limited
Type and Material	Polished aluminum with Technical Grey pockets
Size	18 x 7
Availability	Standard — Overland
Type and Material	Polished aluminum with Hyper Black pockets
Size	19 x 7.5
Availability	Standard — Trailhawk
Type and Material	Polished aluminum with Titanium Satin pockets
Size	17 x 7.5

Availability	Optional — Trailhawk
Type and Material	Black painted aluminum
Size	17 x 7.5

### TIRES

Availability	Standard — Sport 4x2 and North 4x2
Size and Type	225/60R17 BSW, All-season
Mfr. and Model	Firestone Destination LE2
Revs per Km (mile)	470 (757)

Availability	Standard — Limited 4x2
Size and Type	225/55R18 BSW, All-season
Mfr. and Model	Continental ProContact TX
Revs per Km (mile)	462 (745)

Availability	Standard — Sport 4x4 and North 4x4
Size and Type	225/65R17 BSW, All-season
Mfr. and Model	Firestone Destination LE2
Revs per Km (mile)	456 (734)

Availability	Available — Limited 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

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Revs per Km (mile)	443 (713)
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Availability	Standard — Overland
Size and Type	P235/50R19
Mfr. and Model	Bridgestone Dueler H/L
Revs Km (mile)	466 (752)

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