

FCA CANADA

2021 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, Illinois, USA
EPA 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 — Altitude 4x4 and Limited 4x4
Type and Description	Inline Turbo DOHC
Displacement	1,995 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 ^(a)
EnerGuide (2021) Fuel Consumption Ratings L/100 km (MPG – imp. gal.) (city/hwy/combined)	11.2 (25) / 8 (35)— Jeep Active Drive I
Based on 2021 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	
Engine Assembly Plant	Trenton Engine Plant, Trenton, Michigan

ENGINE: 3.2-LITRE PENTASTAR V-6 WITH ENGINE STOP-START (ESS)

Availability	Standard — Altitude 4x4 Limited 4x4 and Trailhawk 4x4 Optional — Sport 4x4, North 4x4
Type and Description	60-degree V-type, liquid-cooled
Displacement	3,239 cu. cm (197.7 cu. in.)
Bore x Stroke	91.0 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 ^(b) ESS technology
EnerGuide (2021) Fuel Consumption Ratings L/100 km (MPG – imp. gal.) (city/hwy/combined)	12.2 (23) / 8.6 (33)— Jeep Active Drive I 12.9 (22) / 9.9 (29) — Jeep Active Drive Lock
Based on 2021 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	
Engine Assembly Plant	Trenton Engine, Trenton, Michigan, USA

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

Availability	Standard — Sport 4x2/4x4, North 4x4
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
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 ^(c) Bin 70 / SULEV 30 with zero evaporative emissions
EnerGuide (2021) Fuel Consumption Ratings L/100 km (MPG – imp. gal.) (city/hwy/combined)	10.8 (26) / 7.6 (37) — 4x2 11.2 (25) / 8 (35)— Jeep Active Drive I
Based on 2021 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	
Engine Assembly Plant	Dundee Engine Plant, Dundee, Michigan, USA

TRANSMISSION: 948TE NINE-SPEED AUTOMATIC

Availability	Standard — all models
Description	Planetary gear train, transverse layout
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	3.2-litre 4x4 (non-trailer tow) — 3.251
	3.2-litre 4x4 (trailer tow) — 3.517
	3.2-litre 4x4 Trailhawk — 3.517
	2.4-litre 4x2 — 3.734
	2.4-litre 4x4 — 3.734
	2.0-litre Turbo 4x4 — 3.734

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

Availability	Jeep Active Drive I standard on Sport 4x4, North 4x4, Altitude 4x4 and Limited 4x4
	Jeep Active Drive Lock standard on Trailhawk
Type	Fully disconnecting 4x2 mode with automatic 4x4 engagement
	Electronic 4x4 Low and Neutral range shifting for Active Drive 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 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 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)	4x2: 11.5 (37.6)
	4x4 I: 11.5 (37.7)
	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
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	9 + 9 (230 + 230) 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

DIMENSIONS AND CAPACITIES^(a)

Wheelbase	2,705 (106.48) 4x2; 2,707 (106.6) 4x4 I; 2,719 (107.1) 4x4 Lock
Track, Front	1,594 (62.7) 4x4, 4x2; 1,614.4 (63.6) 4x4 Lock
Track, Rear	1,601.2 (63.1) 4x4 and 4x2; 1,594.1 (62.7) 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; 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; 16.7 4x2
Breakover Angle (degrees)	22.9 4x4 Lock; 19.5 4x4 I; 17.7 4x2
Departure Angle (degrees)	32.2 4x4 Lock; 25.0 4x4 I; 24.6 4x2
Aero Cd	0.339 (2.4-litre FWD with grille shutters)
Fuel Tank Capacity	60 litres (13.2 imp. gallons)
Maximum Occupants and Cargo Weight, kg (lb.)	454 (1,000)
Tow Capacity, kg (lb.)	
All models without Trailer Tow Group and equipped with aftermarket Class II type hitch	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 (lb.)	
2.4-litre 4x2	1,629 (3,590)
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)
Weight Distribution, 4x4, percent F/R	58/42
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
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 (210) driver / 190 (7.5 (190) 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 L (cu. ft.)	1,400.8 litres (49.47)
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, litre (cu. ft.)	730 (25.8)
	781 (27.6) with cargo floor in lower position
Rear seats folded, litre (cu. ft.)	1,548 (54.7)
EPA interior volume index, litre (cu. ft.)	3,624 (128)
Behind rear seat — sliding	696 litres (24.6 cu. ft.) rear seat at design position
	761 litres (26.9 cu. ft.) rear seat at mid travel
	696 litres (24.6 cu. ft.) rear seat at full forward
Behind front-row seats with rear seats folded, litre (cu. ft.)	1,548 (54.7)

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 — Trailhawk
Type and material	Diamond-Cut aluminum
Size	17 x 7.5
Availability	Optional — Trailhawk
Type and material	Jet Black semi-gloss painted aluminum
Size	17 x 7.5
Availability	Standard — Altitude
Type and material	Gloss Black aluminum
Size	18 x 7
Availability	Standard — High Altitude
Type and material	Granite Crystal aluminum
Size	19 x 7
TIRES	
Availability	Standard — Sport 4x2
Size and type	225/60R17 BSW, All-season
Mfr. and model	Firestone Destination LE2
Revs per km (mile)	470 (757)
Availability	Optional — Sport
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	Standard — Altitude 4x4 and Limited 4x4 Optional — Sport and North
Size and type	225/60R18 BSW, All-season
Mfr. and model	Continental ProContact TX
Revs per km (mile)	449 (724)
Availability	Optional — High Altitude 4x4 and Limited 4x4
Size and type	P235/50R19 BSW All-season
Mfr. and model	Bridgestone Dueler H/L
Revs per km (mile)	467 (752)
Availability	Standard — Trailhawk Optional — Sport 4x4
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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