

2022 Jeep® Cherokee SPECIFICATIONS

*Specifications are based on the latest product information available at the time of publication.
All dimensions are in inches (millimeters) 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
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-LITER TURBO I-4 ENGINE WITH ENGINE STOP-START (ESS)

Availability	Optional — Latitude LUX (4x2/4x4) and Limited
Type and Description	Inline Turbo DOHC
Displacement	121.7 cu. in. (1995 cc)
Bore x Stroke	3.31 x 3.54 (84.0 x 90)
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/liter)
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	5.0 quarts (4.7 liters)
Coolant Capacity	3.4 quarts (3.25 liters)
Emission Controls	Cooled, high-pressure EGR. Close coupled three-way catalytic converters. Engine stop-start (ESS) technology ^(a)

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

EPA Fuel Economy mpg (city/hwy/combined)	23/31/26 — 4x2 21/29/24 — Jeep Active Drive I 20/27/23 — Jeep Active Drive II
Engine Assembly Plant	Trenton Engine Plant, Trenton, Michigan

(a) Meets Bin70 / SULEV 70 emission standard in all 50 states.

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

Availability	Standard — Cherokee X, Latitude LUX (4x2/4x4), Limited and Trailhawk
Type and Description	60-degree V-type, liquid-cooled
Displacement	197.7 cu. in. (3,239 cc)
Bore x Stroke	3.58 x 3.27 (91.0 x 83.0)
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/liter)
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	6.0 quarts (5.7 liters)
Coolant Capacity	9.7 quarts (9.2 liters)
Emission Controls	Two mini-oxidation three-way catalytic converters; four heated oxygen sensors; and internal engine features ^(b) ESS technology
EPA Fuel Economy mpg (city/hwy/combined)	20/29/23 — 4x2 19/27/22 — Jeep Active Drive I 18/26/21 — Jeep Active Drive II 18/24/21 — Jeep Active Drive Lock
Engine Assembly Plant	Trenton Engine, Trenton, Michigan

(b) Meets Bin70 / SULEV 70 emission standard in all 50 states.

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	3.2-liter 4x2 — 3.251 3.2-liter 4x4 (non-trailer tow) — 3.251 3.2-liter 4x4 (trailer tow) — 3.517 3.2-liter 4x4 Active Drive II and Trailhawk — 3.517 2.0-liter Turbo — 3.734

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

Availability	Jeep Active Drive I standard on Cherokee X, Latitude LUX and Limited models Jeep Active Drive II standard on Trailhawk 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 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

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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: 37.6 (11.5) 4x4 I: 37.7 (11.5) 4x4 II: 38.0 (11.6) 4x4 Jeep Active Drive Lock: 38.1 (11.6)
Steering Turns (lock-to-lock)	2.56 4x2 and 4x4, 2.67 4x4 Lock

BRAKES

Front	
Size and type	13 x 1.1 (330 x 28) vented rotor with 2.36 (60) single-piston floating caliper 13 x 1.1 (330 x 28) vented rotor with 1.89 (48) twin piston floating caliper (available)
Swept area (per caliper)	100.9 sq. in. (651.1 sq. cm), 1 x 60; 130.1 sq. in. (839.4 sq. cm), 2 x 48
Rear	
Size and type	10.95 x 0.47 (278 x 12) solid rotor with 1.5 (38) single-piston floating caliper 12.6 x 0.47 (320 x 12) solid rotor with 1.69 (43) single piston floating caliper (available)
Swept area (per caliper)	99.0 sq. in. (638.6 sq. cm) 1 x 38; 117.0 sq. in. (754.8 sq. cm) 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

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DIMENSIONS AND CAPACITIES^(a)

Wheelbase	106.48 (2,705) 4x2, 106.6 (2,707) 4x4 I, 107.1 (2,719.8) 4x4 Lock
Track, Front	62.7 (1,594) 4x4, 4x2, 4x4 II, and 63.6 (1,614.4) 4x4 Lock
Track, Rear	63.1 (1,601.2) 4x4 and 4x2, 62.7 (1,594.1) 4x4 II, and 63.5 (1614.1) 4x4 Lock
Overall Length (NAFTA vehicles)	183.1 (4,650) on-road 182.9 (4,645) Trailhawk
Overall Width	73.2 (1,858.8) 4x2 and 4x4, 74.9 (1,903.6) 4x4 Lock
Overall Height (with roof rack)	66.2 (1,682.9) 4x4, 65.7 (1,670.2) 4x2, 67.3 (1,710) 4x4 II, and 67.8 (1,723.3) 4x4 Lock
Load-floor Height	30.9 (785.6) 4x4
Sill-step Height	17.9 (453.8) front step height, 18.1 (460.8) rear step height, 4x4
Ground Clearances Trailhawk (4x4 with P245/65R17 tires)	8.7 (221.6) minimum running ground clearance (4x4 Lock)
Chassis	9.7 (247.8) cradle bolt head / 8.8 (222.9) front underbody skid plate
Fuel Tank	10.5 (266.2) (bolt under fuel tank) / 10 (255.3) brush guard
Front Axle	10.4 (265.4) two-speed PTU heat shield
Rear Axle	9.7 (246.4) 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-liter FWD with grille shutters)
Fuel Tank Capacity	15.9 gallons (60.0 liters)
Maximum Occupants and Cargo Weight, lbs. (kg)	1,000 (454)
Tow Capacity, lbs. (kg)	
All models without Trailer Tow Group and equipped with aftermarket Class II type hitch	2,000 (907)
2.0-liter engine automatic transmission with Trailer Tow Package (Class III)	4,000 (1,800)
3.2-liter engine automatic transmission with Trailer Tow Package (Class III)	4,500 (2,041)
Curb Weight, lbs. (kg)	
3.2-liter 4x2	3,710 (1,683)
2.0-liter 4x2	3,730 (1,692)
3.2-liter 4x4	3,960 (1,798)
2.0-liter 4x4	4,000 (1,815)

DIMENSIONS AND CAPACITIES^(a) (CONTINUED)

3.2-liter 4x4 Lock	4,250 (1,928)
2.0-liter 4x4 Lock	4,260 (1,933)
Weight Distribution, 4x4, percent F/R	58/42
Weight Distribution, 4x2, percent F/R	58/42
GVWR	5,500 lbs. — 3.2-liter FWD, 3.2-liter 4x4

(a) All dimensions measured with two passengers.

ACCOMMODATIONS

Seating Capacity — Front/Rear	2/3
Front Row	
Headroom without sunroof	39.4 (999.9)
Headroom with sunroof	37.9 (964.5)
Legroom	41.1 (1,045)
Shoulder room	57.6 (1,462.3)
Hip room	53.8 (1,366.6)
Seat travel	8.3 (210) driver / 7.5 (190) front passenger
Recliner range (degrees)	8 to 76 (manual) / 8 to 55.25 (power)
SAE volume (standard roof)	53.98 cu. ft.
Second Row	
Headroom	38.5 (978.2)
Legroom	40.3 (1,023.2)
Knee clearance	3.5 (90.1)
Shoulder room	55.1 (1,399.8)
Hip room	49.9 (1,268.1)
Recliner range (degrees)	19.25 to 25.25
SAE cargo volume (cu. ft.)	49.47
Cargo Access	
Liftover height	30.9 (785.6) 4x4
Maximum cargo width at liftgate opening	41.4 (1,051) without subwoofer
Minimum cargo width at liftgate opening	36.1 (917.2) at top of opening
Maximum cargo height at liftgate opening	32.5 (825.0) 4x4 Lock
Minimum cargo height at liftgate opening	30.7 (780.0) 4x2
Distance between wheelhouse interior trim	39.4 (1,000.5)

ACCOMMODATIONS (CONTINUED)

SAE Cargo Volume

Rear seats up, cu. ft. (cu. m)	25.8 (0.7) 27.6 (0.8) with cargo floor in lower position
Rear seats folded, cu. ft. (cu. m)	54.7 (1.5)
EPA interior volume index, cu. ft. (cu. m)	128 (3.625)
Behind rear seat — sliding	24.6 cu. ft. (0.7 cu. m) rear seat at design position 26.9 cu. ft. (0.76 cu. m) rear seat at mid travel 24.6 cu. ft. (0.7 cu. m) rear seat at full forward
Behind front-row seats with rear seats folded, cu. ft. (cu. m)	54.7 (1.5)

WHEELS

Availability	Standard — Latitude LUX (4x2/4x4)
Type and material	Satin Carbon cast aluminum
Size	17 x 7
Availability	Standard — Limited
Type and material	Painted diamond-cut aluminum
Size	18 x 7
Availability	Standard — Trailhawk
Type and material	Painted diamond-cut aluminum
Size	17 x 7.5
Availability	Standard — Cherokee X Optional — Trailhawk
Type and material	Black painted aluminum
Size	17 x 7.5
Availability	Optional — Limited (packaged with Limited Elite Group)
Type and material	Aluminum
Size	19 x 7

TIRES

Availability	Standard — Latitude LUX 4x2
Size and type	225/60R17 BSW, All-season
Mfr. and model	Firestone Destination LE2
Revs per mile (km)	757 (470)

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TIRES (CONTINUED)

Availability	Standard — Latitude LUX 4x4
Size and type	225/65R17 BSW, All-season
Mfr. and model	Firestone Destination LE2
Revs per mile (km)	734 (456)
Availability	Standard — Limited
Size and type	225/60R18 BSW, All-season
Mfr. and model	Continental ProContact TX
Revs per mile (km)	724 (449)
Availability	Optional — Limited (packaged with Limited Elite Group)
Size and type	P235/50R19 BSW All-season
Mfr. and model	Bridgestone Dueler H/L
Revs per mile (km)	752 (467)
Availability	Standard — Cherokee X and Trailhawk
Size and type	P245/65R17 OWL All-terrain
Mfr. and model	Firestone Destination A/T
Revs per mile (km)	713 (443)

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