

2023 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

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|--------------|------------------------------|
| Layout | Transverse front engine, 4x4 |
| Construction | Steel uniframe |

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

| | |
|----------------------|--|
| Availability | Trailhawk |
| 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) |

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

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

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|--|---|
| EPA Fuel Economy mpg (city/hwy/combined) | 20/27/23 — Jeep Active Drive II |
| Engine Assembly Plant | Trenton Engine Plant, Trenton, Michigan |

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

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| Availability | Standard — Altitude LUX |
| Type and Description | Inline four-cylinder, 16-valve MultiAir with multiport fuel injection |
| Displacement | 144 cu. in. (2,360 cc) |
| 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 | 5.5 quarts (5.2 liters) |
| Coolant Capacity | 7.1 quarts (6.7 liters) |
| Emission Controls | Single catalytic converter, heated wide band lambda sensor upstream and mid-catalyst heated oxygen sensor ^(b) Bin 70 / SULEV 30 with zero evaporative emissions |
| EPA Fuel Economy mpg (city/hwy/combined) | 21/29/24 — Jeep Active Drive I |
| Engine Assembly Plant | Dundee Engine Plant, Dundee, Michigan |

(b) Meets Bin 50 / ULEV50 with zero evaporative emissions standard in all 50 states.

TRANSMISSION: 948TE NINE-SPEED AUTOMATIC

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|--------------|---|
| 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 |

TRANSMISSION: 948TE NINE-SPEED AUTOMATIC (CONTINUED)

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|-------------|--|
| 7th | 0.70 |
| 8th | 0.58 |
| 9th | 0.48 |
| Reverse | 3.83 |
| Axle Ratios | 2.0-liter Turbo — 3.734 2.4-liter 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 LUX 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

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

SUSPENSION

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

STEERING

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|---------------------------------|--|
| Type | Electric power rack and pinion |
| Overall Ratio | 15.15 4x4, 15.36 4x4 Lock |
| Turning Diameter (curb-to-curb) | 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 4x4, 2.67 4x4 Lock |

BRAKES

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| 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 |

DIMENSIONS AND CAPACITIES^(a)

| | |
|---------------------------------|---|
| Wheelbase | 106.6 (2,707) 4x4 I, 107.1 (2,719.8) 4x4 Lock |
| Track, Front | 62.7 (1,594) 4x4, 4x4 II, and 63.6 (1,614.4) 4x4 Lock |
| Track, Rear | 63.1 (1,601.2) 4x4, 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) 4x4, 74.9 (1,903.6) 4x4 Lock |
| Overall Height (with roof rack) | 66.2 (1,682.9) 4x4, 67.3 (1,710) 4x4 II, and 67.8 (1,723.3) 4x4 Lock |
| Load-floor Height | 30.9 (785.6) 4x4 |

DIMENSIONS AND CAPACITIES^(a) (CONTINUED)

| | |
|---|---|
| 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 |
| 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-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) | |
| 2.0-liter engine automatic transmission with Trailer Tow Package (Class III) | 4,000 (1,800) |
| Curb Weight, lbs. (kg) | |
| 2.4-liter 4x4 | 3,875 (1,758) |
| 2.0-liter 4x4 | 4,000 (1,815) |
| 2.0-liter 4x4 Lock | 4,260 (1,933) |
| Weight Distribution, 4x4, percent F/R | 58/42 |
| GVWR | 5,500 lbs. — 2.4-liter 4x4 |

(a) All dimensions measured with two passengers.

ACCOMMODATIONS

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|-------------------------------|--|
| 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. |

ACCOMMODATIONS (CONTINUED)

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

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|---|--------------------------------|
| 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 |
| Distance between wheelhouse interior trim | 39.4 (1,000.5) |

SAE Cargo Volume

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|--|--|
| 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

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|-------------------|------------------------------|
| Availability | Optional — Altitude LUX 4x4 |
| Type and material | Gloss Black aluminum |
| Size | 18 x 7 |
| Availability | Standard — Trailhawk |
| Type and material | Diamond-cut aluminum |
| Size | 17 x 7.5 |
| Availability | Standard — Altitude LUX |
| Type and material | Gloss Black painted aluminum |
| Size | 17 x 7.5 |

2023 STELLANTIS PRODUCT INFO



TIRES

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|--------------------|-----------------------------|
| Availability | Standard — Altitude LUX 4x4 |
| Size and type | 225/65R17 BSW, All-season |
| Mfr. and model | Firestone Destination LE2 |
| Revs per mile (km) | 734 (456) |
| Availability | Optional — Altitude LUX 4x4 |
| Size and type | 225/60R18 BSW, All-season |
| Mfr. and model | Continental ProContact TX |
| Revs per mile (km) | 724 (449) |
| Availability | Standard — 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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