# 2023 Jeep® Compass

## 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 Toluca, Mexico

EPA Vehicle Class Multipurpose vehicle

### BODY AND CHASSIS

Layout Transverse front engine, 4x4 only

Construction Steel uniframe

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

Availability Standard on all models

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) 200 hp (149.14 kW) @ 5,000 rpm (100 hp/liter)

Torque (SAE net) 221 lb.-ft. (300 N•m) @ 1,750-4,250 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

EPA Fuel Economy mpg (city/hwy/combined) 24/32/27\*

Towing Up to 2,000-lb. (when properly equipped)

Engine Assembly Plant Kokomo Engine Plant, Kokomo IN

\*Estimated mpg

### TRANSMISSION: 8F30 eight-SPEED AUTOMATIC

Availability 2.0-liter Turbo I-4 engine with ESS (4x4)

Description Planetary gear train, transverse layout

Ratio Spread 7.43

Gear Ratios

1st 4.72

2nd 2.91

3rd 1.86

4th 1.42

5th 1.22

6th 1.00

7th 0.79

8th 0.64

Reverse 3.24

Final Drive Ratio 3.73 AWD / 4.398 Trailhawk

### 4X4 SYSTEMS: JEEP ACTIVE DRIVE, JEEP ACTIVE DRIVE LOW

Availability Jeep Active Drive is standard on all models

Jeep Active Drive Low is standard on Trailhawk

Type Full-time 4x4 mode with active on-demand clutch

### 4X4 SYSTEMS: JEEP ACTIVE DRIVE, JEEP ACTIVE DRIVE LOW

Operating Modes Auto 4x4, neutral

Center Differential Type None

Terrain Response Unique tuning in all terrain modes

Crawl Ratio 20:1 (with Jeep Active Drive Low)

### ELECTRICAL SYSTEM

Alternator 180-amp

Battery Dual batteries with electronic stop-start system: 650-amp (primary), 200-amp (secondary)

### SUSPENSION

Front MacPherson strut, coil springs, flat front steel crossmember,   
high-strength steel double shell lower control stabilizer bar

Rear Chapman strut, high-strength steel links, isolated steel rear cradle,   
coil springs, stabilizer bar

### STEERING

Type Electric power rack and pinion

Overall Ratio 15.7

Turning Diameter (curb-to-curb) 36.3 (11.07)

35.3 (10.76) Trailhawk 4x4

Steering Turns (lock-to-lock) 2.68

2.76 (Trailhawk 4x4)

### BRAKES

Front

Size and type 12 x 1.1 (305 x 28) vented rotor with 2.36 (60) single-piston floating caliper

Swept area (per caliper) 138.77 sq. in. (895.3 sq. cm), 1 x 60

115.88 sq. in. (747.6 sq. cm), 1 x 57

Rear

Size and type 10.95 x 0.47 (278 x 12) solid rotor with 1.5 (38) single-piston floating caliper

Swept area (per caliper) 101.7 sq. in. (656.4 sq. cm), 1 x 38

Power-assist type 10 (254) vacuum assist

Four-wheel antilock brake system (ABS) Standard

Electronic stability control (ESC) Standard

Parking brake type Electric motor

### DIMENSIONS AND CAPACITIES

Wheelbase 103.8 (2,636)

Track, Front 60.7 (1,542)

Track, Rear 60.3 (1,532)

Overall Length 173.4 (4,404)

Overall Width (with folded side mirrors) 73.8 (1,874)

Overall Width (with open side mirrors) 80 (2,033)

Overall Height 64.6 (1,641) without rails; 64.8 (1,647) with rails

Load-floor Height 29.7 (754) (height measured from curb ground to load floor)

Sill-step Height 19.4 (494) (height measured from curb ground to sill trim)

Ground Clearances 4x4 8.1 (207)

Trailhawk 4x4 8.6 (219)

### DIMENSIONS AND CAPACITIES (continued)

Approach Angle (with air dam) (degrees) 4x4 16.1

Trailhawk 4x4 30.4

Breakover Angle (degrees) 4x4 22.5

Trailhawk 4x4 23.6

Departure Angle (degrees) 4x4 31.4

Trailhawk 4x4 34.0

Curb Weight, lbs. (kg) 3,620 lbs. (1,642)

Fuel Tank Capacity 13.5 gal. (51 liters)

### ACCOMMODATIONS

Seating Capacity — Front/Rear 2/3

Front Row

Headroom without sunroof 39.2 (995)

Headroom with sunroof 38.6 (981)

Legroom 41.2 (1,046)

Shoulder room 56.7 (1,439)

Hip room 54.1 (1,375)

Seat travel 8.7 (220) fore/aft travel range

Recliner range (degrees) Manual/power recliner travel: 69 degrees

Manual fold FWD recliner travel: 107.5 degrees

SAE volume (standard roof), cu. ft. (cu. m) 52.9 (1.49) front passenger volume

Second Row

Headroom 38.5 (978)

Legroom 38.3 (973)

Shoulder room 55.1 (1,400)

Hip room 49.2 (1,250)

SAE volume, cu. ft. (cu. m) 46.7 (1.33) second-row passenger volume

Cargo Access

Liftover height 31.1 (792) (height measured from curb ground to liftgate scuff trim)

Maximum cargo width at liftgate opening 42.1 (1,069)

Minimum cargo width at liftgate opening 36.9 (938)

Maximum cargo height at liftgate opening 27.2 (691)

Distance between wheelhouse interior trim 38.1 (968)

### ACCOMMODATIONS (continued)

SAE Cargo Volume

Rear seats up, cu. ft. (cu. m) 27.2 (0.8)

Rear seats folded, cu. ft. (cu. m) 59.8 (1.7)

EPA interior volume index, cu. ft. (cu. m) 126.7 (3.6)

### TIRES

Availability Standard — Sport 4x4 and Latitude 4x4

Size and type 225/60R17 BSW All-season

Mfr. and model Firestone Destination LE2

Revs per mile (km) 760 (472)

Availability Standard — Altitude 4x4, Limited 4x4

Size and type 225/55R18 BSW All-season

Mfr. and model Continental Pro Contact

Revs per mile (km) 744 (462)

Availability Standard — Trailhawk 4x4

Size and type 215/65R17 on/off-road

Mfr. and model Falken WildPeak H/T

Revs per mile (km) 745 (463)

Availability Standard — Latitude LUX 4x4

Size and type 225/55R18 BSW All-season

Mfr. and model Yokohama Geolandar

Revs per mile (km) 752 (467)

Availability Standard — High Altitude 4x4 and RED Edition   
(optional on Limited 4x4)

Size and type 235/45R19 BSW All-season

Mfr. and model Continental Pro Contact

Revs per mile (km) 752 (467)

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