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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