# 2022 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, 4x2 and 4x4

Construction Steel uniframe

### ENGINE: 2.4-LITER TIGERSHARK WITH MULTIAIR2 WITH ENGINE STOP-START (ESS)

Availability Standard — all models

Type and Description In-line four-cylinder, 16-valve MultiAir with multiport fuel injection

Displacement 144 cu. in. (2,360 cc)

Bore x Stroke 3.46 x 3.82 (88 x 97)

Valve System SOHC, four valves per cylinder

Fuel Injection Sequential, multiport, electronic, returnless

Construction Aluminum block, aluminum cylinder head

Compression Ratio 10:1

Power (SAE net) 177 hp @ 6,400 rpm

Torque (SAE net) 172 lb.-ft. @ 3,900 rpm

Max. Engine Speed 6,400 rpm

Fuel Requirement Unleaded regular, 87 octane

Oil Capacity 5.5 quarts (5.2 liters) (total)

Coolant Capacity 6.8 quarts (6.45 liters)

Emission Controls Single catalytic converter, heated wide band lambda sensor upstream and mid-catalyst heated oxygen sensor

Fuel Economy (city/hwy/combined) 22 / 31 / 25 (FWD, ATX)

22 / 30 / 25 (AWD, ATX)

Towing 2,000 lbs. (907 kg) (not recommended for FWD)

Engine Assembly Plant Saltillo Engine Plant, Saltillo, Mexico

### TRANSMISSION: 948TE NINE-SPEED AUTOMATIC

Availability 2.4-liter Tigershark engine with MultiAir2 (4x4)

Description Planetary gear train, transverse layout

Ratio Spread 9.81

Gear Ratios

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 3.81

Final Drive Ratio 3.734

### TRANSMISSION: AT6 AISIN SIX-SPEED AUTOMATIC

Availability 2.4-liter Tigershark engine with MultiAir2 (4x2)

Description Planetary gear train, transverse layout

Ratio Spread 6.635

Gear Ratios

1st 4.459

2nd 2.508

3rd 1.556

4th 1.142

5th 0.852

6th 0.672

Final Drive Ratio 3.502

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

Availability Jeep Active Drive is optional on all models

Jeep Active Drive Low is standard on Trailhawk

Type Fully disconnecting 4x2 mode with automatic 4x4 engagement

Full-time 4x4 mode with active on demand clutch

Operating Modes Auto 4x2/4x4, neutral

### 4X4 SYSTEMS: JEEP ACTIVE DRIVE, JEEP ACTIVE DRIVE LOW (continued)

Center Differential Type None

Terrain Response Unique tuning in all terrain modes

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

### ELECTRICAL SYSTEM

Alternator 160-amp (2.4-liter Tigershark with MultiAir2)

Battery Dual batteries when equipped with electronic stop-start system: 500-amp (primary), 150-amp (secondary) (2.4-liter Tigershark with MultiAir2 with engine stop-start)

### 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 for 4x4 and not isolated for 4x2, coil springs, stabilizer bar

### STEERING

Type Electric power rack and pinion

Overall Ratio 15.7

Turning Diameter (curb-to-curb) 36.3 (11.07) 4x2 and 4x4

35.3 (10.76) Trailhawk 4x4

Steering Turns (lock-to-lock) 2.68 (4x2 and 4x4)

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

### BRAKES (continued)

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 4x2 7.7 (196)

4x4 8.1 (206)

Trailhawk 4x4 8.6 (219)

Approach Angle (with air dam) (degrees) 4x2 15.0

4x4 16.1

Trailhawk 4x4 30.4

Breakover Angle (degrees) 4x2 21.6

4x4 22.6

Trailhawk 4x4 23.6

Departure Angle (degrees) 4x2 30.7

4x4 31.4

Trailhawk 4x4 34.0

Curb Weight, lbs. (kg) 3,184 (1,444) 4x2 and 2.4-liter Tigershark with MultiAir2

3,327 (1,509) 4x4 and 2.4-liter Tigershark with MultiAir2

3,633 (1,648) Trailhawk 4x4 with 2.4-liter Tigershark with MultiAir2

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 41.8 (1,046)

### ACCOMMODATIONS (continued)

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 (1.35) 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)

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 4x2, Sport 4x4

Size and type 215/65R16 BSW All-season

Mfr. and model Continental CrossContact LX Sport

Revs per mile (km) 751 (467)

Availability Standard — Latitude 4x2, Latitude 4x4

Size and type 225/60R17 BSW All-season

Mfr. and model Firestone Destination LE2

Revs per mile (km) 733 (455)

### TIRES (continued)

Availability Standard — Altitude 4x2, Altitude 4x4, Limited

Size and type 225/55R18 BSW All-season

Mfr. and model Continental Pro Contact

Revs per mile (km) 727 (452)

Availability Standard — Trailhawk

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

Mfr. and model Falken WildPeak H/T

Revs per mile (km) 715 (445)

Availability Standard — Latitude LUX

Size and type 225/55R18 BSW All-season

Mfr. and model Yokohama Geolandar

Revs per mile (km) 727 (452)

Availability Standard — High Altitude (optional on Limited)

Size and type 235/45R19 BSW All-season

Mfr. and model Continental Pro Contact

Revs per mile (km) 727 (452)

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