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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