

2012 Jeep® Compass

CANADIAN SPECIFICATIONS

Dimensions are in millimetres (inches) unless otherwise noted.

NOTE: Information shown is correct at time of publication and is subject to change.

GENERAL INFORMATION

Body Style	Sport-utility vehicle
Assembly Plant	Belvidere, Illinois, USA
EnerGuide Vehicle Class	Special Purpose
Introduction Date	August 2006

ENGINE: 2.0-LITRE DOHC 16-VALVE I-4 WITH DUAL VVT

Availability	Available on Sport and North 4x2 models
Type and Description	Four-cylinder inline, tuned intake manifold with electronic active charge motion control valves, dual counter-rotating balance shafts
Displacement	1998 cu. cm (121.9 cu. in.)
Bore x Stroke in (mm)	3.39 x 3.39 (86 x 86)
Valve System	Chain-driven DOHC, 16 valves, electronically controlled dual VVT, direct-acting shimless mechanical bucket tappets
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	High-pressure die-cast aluminum block with dry iron liners, cast-aluminum cylinder head, cast-aluminum ladder frame, forged steel crankshaft
Compression Ratio	10.5:1
Power	158 bhp @ 6,400 rpm
Torque	141 lb.-ft. @ 5,000 rpm
Maximum Engine Speed	6,750 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2
Oil Capacity L (qt.)	4.7 (5.0)
Coolant Capacity L (qt.)	6.8 (7.2)
Emission Controls	Single catalytic converter, dual heated oxygen sensors and engine features 0.56 g/km (0.9 g/mile)
EnerGuide Fuel Economy L/100 km (mpg) - City/Hwy	9.1(31)/6.8(42) — 2WD with five-speed manual transaxle 9.0(31)/7.3(39)— 2WD CVT

ENGINE: 2.4-LITRE DOHC 16-VALVE I-4 WITH DUAL VVT

Availability	Standard on Sport, North and Limited 4x2 and 4x4 models
Type and Description	Four-cylinder inline, tuned intake manifold with electronic active charge motion control valves dual counter-rotating balance shafts
Displacement	2360 cu. cm (144 cu. in.)
Bore x Stroke in (mm)	3.46 x 3.82 (88 x 97)
Valve System	Chain-driven DOHC, 16 valves, electronically controlled dual VVT, direct-acting shimless mechanical bucket tappets
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	High-pressure die-cast aluminum block with dry iron liners, cast-aluminum cylinder head, cast-aluminum ladder frame, forged steel crankshaft
Compression Ratio	10.5:1
Power	172 bhp @ 6,000 rpm
Torque	165 lb.-ft. @ 4,400 rpm
Maximum Engine Speed	6,500 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2
Oil Capacity L (qt.)	4.7 (5.0)
Coolant Capacity L (qt.)	6.8 (7.2)
Emission Controls	Single catalytic converter, 2WD, Dual catalytic converter, 4WD Dual heated oxygen sensors and engine features
Smog-forming Pollution	0.56 g/km (0.9 g/mile)
Maximum Gross Trailer Weight	450 kg (1000 lb.) 900 kg (2000 lb.)— with Trailer-tow Prep Group
EnerGuide Fuel Economy L/100 km (mpg) - City/Hwy	9.0(31)/7.0(40)— 2WD with five-speed manual transaxle 9.6(29)/7.4(38)— 2WD with CVT2 9.2(31)/7.2(39)— 4WD with five-speed manual transaxle 9.9(29)/7.7(37)— 4WD with CVT2

TRANSAXLE: MANUAL MAGNA DRIVELINE T355 FIVE-SPEED

Availability	Standard — 2.0L engine Standard — 2.4L engine
Description	5-speed, overdrive, synchronized in all forward ratios, cable-operated, 3-plane shifter
Gear Ratios	
1st	3.77
2nd	2.16
3rd	1.41
4th	1.026
5th	0.72
Reverse	3.417
Final-drive Ratio	4.12
Overall Top-gear	2.97

TRANSAXLE: AUTOMATIC JATCO MODEL CVT2 WITH AUTO/STICK™

Availability	Optional — 2.0L engine Optional — 2.4L engine
Description	Continuously variable ratio, lockup torque converter, electronic controls
Gear Ratios	
Forward	2.349:1 to 0.394:1 continuously variable
Reverse	1.75:1
Final-drive Ratio	2.0L 6.12:1; 2.4L 5.798 with 2.4L and Freedom Drive I 8.14 with 2.4L and Freedom Drive II
Overall Top-gear Ratio	2.411; 2.28 with 2.4L and Freedom Drive I
Auto/Stick™	Standard with CVT2

TRANSAXLE: AUTOMATIC JATCO MODEL CVT2L (Freedom Drive II)

Availability	Optional on 4WD with 2.4L engine
Description	Continuously variable ratio, lockup torque converter, electronic controls
Gear Ratios	
Forward	2.349:1 to 0.394:1 continuously variable
Reverse	1.75:1
Final-drive Ratio	8.135:1
Overall Top-gear Ratio	3.21:1
Effective Maximum Low-gear Ratio	19.11:1

DRIVETRAIN

Front-wheel Drive	
Availability	Standard
Front Differential	Open
Four-wheel Drive	
Availability	Optional
Type	Electronically-controlled coupling (ECC) with four-wheel-drive lock
Rear Differential	Open

ELECTRICAL SYSTEM

Alternator	120-amp; 140-amp with CVT2L (Freedom Drive II)
Battery	525 CCA, maintenance-free

DIMENSIONS AND CAPACITIES^(d)

Wheelbase	2,635 (103.7)
Track, Front	1,520 (59.8)
Track, Rear	1,520 (59.8)
Overall Length	4,448 (175.1)
Overall Width	1,812 (71.4)
Overall Height	1,651 (65.0)
Overhang, Front	916 (36.1)
Overhang, Rear	897 (35.3)
Approach Angle with P215/60/R17 Tire	19.5°
Breakover Angle with P215/60/R17 Tire	20.6°
Departure Angle with P215/60/R17 Tire	28.5°
Ground Clearance with P215/60/R17 Tire	206 (8.1)
Approach Angle with Freedom Drive II Off-road Package P215/65/R17 Tire	29.6°
Breakover Angle with Freedom Drive II Off-road Package P215/65/R17 Tire	23.6°
Departure Angle with Freedom Drive II Off-road Package P215/65/R17 Tire	31.2°
Ground Clearance with Freedom Drive II Off-road Package P215/65/R17 Tire	231 (9.1)
Aero (CdA)	10.5 — 2WD 10.6 — 4WD
Curb Weight, kg (lb.)	Sport 2WD — 1,409 (3107) 2.0-L MTX Sport 4WD — 1,382 (3247) 2.4-L MTX Limited 2WD — 1,449 (3195) 2.4-L MTX Limited 4WD — 1,520 (3350) 2.4L MTX
Weight Distribution, percent F/R	59/41 — 2WD 58/42 — 4WD
Fuel Tank Capacity, L (imp. gal.)	51.5 (11.3) — 2WD; 51.1 (11.2) — 4WD

(d) All dimensions measured at curb weight with standard tires.

ACCOMMODATIONS

Seating Capacity, F/R	2/3
Front	
Head Room without Sunroof	1,033 (40.7)
Legroom	1,032 (40.6)
Shoulder Room	1,387 (54.6)
Hip Room	1,328 (52.3)
Seat Travel	Driver — 260 (10.2); Passenger — 260 (10.2)
Recliner Angle Range	Driver — up to 88° Passenger — 76° fold-flat/88° non-fold-flat
Front Seat Volume Index, L (cu. ft)	1,478 (52.2)
Rear	
Head Room	1,013 (39.9)
Legroom	1,001 (39.4)
Knee Clearance	44(1.7)
Shoulder Room	1,372 (54.0)
Hip Room	1,295 (51.0)
Rear-Seat Volume Index, L (cu. ft)	1,390 (49.1)
Interior Volume, L (cu. ft)	2,868 (101.3)
Cargo Volume Indexes	
Rear Seats Up, L (cu. ft)	642 (22.7)
Rear Seats Folded, L (cu. ft)	1,517 (53.6)
Interior Volume Index, L (cu. ft)	3,511 (124)
Trunk Lift-over Height	775 (30.5)
Cargo Volume with Front Passenger Seat and Rear Seat Folded, L (cu. ft)	1,775 (62.7)
Minimum Cargo Width at Liftgate Opening	976 (38.5)
Minimum Cargo Height at Liftgate Opening	634 (25.0)
Maximum Cargo Width at Liftgate Opening	1,150 (45.3)
Maximum Cargo Height at Liftgate Opening	681 (26.7)
Distance Between Wheelhouse Interior Trim	966 (38.0)

BODY AND CHASSIS

Layout	Transverse front-engine, front-wheel drive or four-wheel drive
Construction	Unitized steel body

SUSPENSION

Front	Independent MacPherson strut, coil spring over gas-charged shock absorbers and stabilizer bar
Rear	Multi-link independent with coil springs, link-type stabilizer bar, gas-charged shock absorbers

STEERING

Type	Rack-and-pinion with hydraulic power assist
Overall Ratio	16.4:1
Turning Diameter (curb-to-curb)	17-in. wheels and tires — 10.8 m (35.6 ft.) 18-in. wheels and tires — 11.3 m (37.2 ft.)
Steering Turns (lock-to-lock)	17-in. wheels and tires — 2.88 18-in. wheels and tires — 2.76

WHEELS

Availability	Standard on Sport, North
Type and Material	Aluminum
Size	17 x 6.5

Availability	Standard on Limited
Type and Material	Aluminum
Size	18 x 7.0

Availability	Optional on Limited
Type and Material	Chrome-clad Aluminum
Size	18 x 7.0

TIRES

Availability	Standard on Sport, North
Size and Type	P215/60R17 BSW All-season Touring
Manufacturer and Model	Firestone Affinity S3
Revs per km (Mile)	479 (771)

Availability	Standard on Limited
Size and Type	P215/55R18 All-season Performance
Manufacturer and Model	Firestone Firehawk GTA 03
Revs per km (Mile)	476 (765)

Availability	Optional on Sport, North
Size and Type	P215/65R17 outlined white letter (OWL) all-terrain
Manufacturer and Model	Goodyear Wrangler GTA 03
Revs per km (Mile)	462 (743)

BRAKES

Availability	Standard on 4x2 Sport and North
Front	
Size and Type	11.5 x 1.0 in. (294 x 26 mm) vented disc with 2.2 in. (57 mm) single-piston floating caliper
Swept Area	1442.12 sq. cm (223.52 sq. in.)
Rear	
Size and Type	9.0 x 1.38 in. (229 x 35) drums
Swept Area	503 sq. cm (78.1 sq. in.)
Power-assist Type	254-mm (10-in.) single-diaphragm vacuum
Anti-lock Brake System (ABS)	Standard
Electronic Stability Control (ESC)	Standard
Hill-start Assist (HSA)	Standard with manual transmission
Availability	Standard on Sport 4x4, North 4x4 and Limited 4x2 and 4x4
Front	
Size and Type	11.5 x 1.0 in. (294 x 26 mm) vented disc with 2.2 in. (57 mm) single-piston floating caliper
Swept Area	1442.12 sq. cm (223.52 sq. in.)
Rear	
Size and Type	10.3 x 0.39 in. (262 x 10) solid disc with 1.4 in. (35 mm) single-piston floating caliper
Swept Area	894.6 sq. cm (138.64 sq. in.)
Power-assist Type	254-mm (10-in.) single-diaphragm vacuum
Anti-lock Brake System (ABS)	Standard
Electronic Stability Control (ESC)	Standard
Hill-start Assist (HSA)	Standard with manual transmission and Freedom Drive II Off-Road Package
Off-road Brake-traction Control System (BTCS)	Included with Freedom Drive II Off-Road Package
Hill-descent Control (HDC)	Included with Freedom Drive II Off-Road Package

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