



2016 JEEP® COMPASS CANADIAN SPECIFICATIONS

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*Specifications are based on the latest product information available at the time of publication.
All dimensions are in millimetres (inches) unless otherwise noted.
All dimensions measured at curb weight with standard tires and wheels.*

GENERAL INFORMATION

Body Style	Sport-utility vehicle (SUV)
Assembly Plant	Belvidere, Ill. (U.S.A.)
EnerGuide Vehicle Class	Small SUV

BODY AND CHASSIS

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

ENGINE: 2.0-LITRE I-4 WORLD GAS ENGINE

Availability	Standard — Sport and High Altitude 4x2 models
Type and Description	Four-cylinder inline, tuned intake manifold with electronic active charge motion control valves, dual counter-rotating balance shafts
Displacement	1,998 cu. cm (121.9 cu. in.)
Bore x Stroke	86 x 86 (3.39 x 3.39)
Valve System	Chain-driven DOHC, 16 valves, electronically controlled dual variable-valve timing (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 hp @ 6,400 rpm (79 hp/litre)
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	4.7 litres (5.0 qt.) SAE 5W/20
Coolant Capacity	6.8 litres (7.2 qt.)
Emission Controls	Single catalytic converter, dual heated oxygen sensors and engine features
Smog-forming Pollution	0.56 g/km (0.9 g/mile)
2015 EnerGuide Fuel Economy L/100km (mpg) city/hwy	10.2 (28) / 7.8 (36) — 2WD with five-speed manual transaxle 10.7 (26) / 8.8 (32) — 2WD with CVT2 automatic transmission



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ENGINE: 2.4-LITRE I-4 WORLD GAS ENGINE

Availability	Standard — Sport, North and High Altitude 4x4 models, Standard — North 4x2 models; Available – Sport 4x2 models
Type and Description	Four-cylinder inline, tuned intake manifold with electronic active charge motion control valves dual counter-rotating balance shafts
Displacement	2,360 cu. cm (144 cu. in.)
Bore x Stroke	88 x 97 (3.46 x 3.82)
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 hp @ 6,000 rpm (72 hp/litre)
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	4.7 litres (5.0 qt.)SAE 5W/20
Coolant Capacity	6.8 litres (7.2 qt.)
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 (1,000 lb.); 900 kg (2,000 lb.) — with Trailer-tow Prep Group
2015 EnerGuide Fuel Economy L/100km (mpg) city/hwy	10.2 (28) / 8.2 (34) — 2WD with five-speed manual transaxle 11.2 (25) / 8.6 (33) — 2WD with six-speed automatic transmission 10.6 (27) / 8.6 (33) — 4WD with five-speed manual transaxle 11.4 (25) / 8.7 (32) — Freedom Drive I 4WD with six-speed automatic transmission 11.7 (24) / 10.3 (27) — Freedom Drive II Off-road Package 4WD with CVT2

TRANSAXLE: MANUAL MAGNA DRIVELINE T355 FIVE-SPEED

Availability	Standard — 2.0-litre engine Standard — 2.4-litre engine
Description	Five-speed, overdrive, synchronized in all forward ratios, cable-operated, three-plane shifter
Gear Ratios	
1st	3.77



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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 6F24 SIX-SPEED POWERTECH WITH AUTO STICK

Availability	Optional — 2.4-litre engine (FWD and 4x4)
Description	Six-speed automatic transmission, lockup torque converter, electronic controls

Gear Ratios

1st	4.212
2nd	2.637
3rd	1.800
4th	1.386
5th	1.000
6th	0.772
Reverse	3.285
Final-drive Ratio	3.367:1 (2.4-litre engine)
Overall Top-gear Ratio	2.600 (2.4-litre engine)
Auto Stick	Standard with 6F24

TRANSAXLE: AUTOMATIC JATCO MODEL Continuously Variable Transmission (CVT2)

Availability	Optional — 2.0-litre 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	6.12:1
Overall Top-gear Ratio	2.41:1
Effective Maximum Low-gear Ratio	19.11:1



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TRANSAXLE: AUTOMATIC JATCO MODEL CVT2L (FREEDOM DRIVE II)

Availability	Optional — Sport 4WD with 2.4-litre engine and Freedom Drive II
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

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



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BRAKES

Availability	Standard — 4x2 Compass
Front	
Size and Type	294 x 26 (11.5 x 1.0) vented disc with 57 (2.2) single-piston floating caliper
Swept Area	1,442.12 sq. cm (223.52 sq. in.)
Rear	
Size and Type	229 x 35 (9.0 x 1.38) drums
Swept Area	503 sq. cm (78.1 sq. in.)
Power-assist Type	254 (10) single-diaphragm vacuum
Anti-lock Brake System (ABS)	Standard
Electronic Stability Control (ESC)	Standard
Hill-start Assist (HSA)	Standard with manual transmission
Availability	Standard — 4x4 Compass
Front	
Size and Type	294 x 26 (11.5 x 1.0) vented disc with 57 (2.2) single-piston floating caliper
Swept Area	1,442.12 sq. cm (223.52 sq. in.)
Rear	
Size and Type	262 x 10 (10.3 x 0.39) solid disc with 35 (1.4) single-piston floating caliper
Swept Area	894.6 sq. cm (138.64 sq. in.)
Power-assist Type	254 (10) 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

DIMENSIONS AND CAPACITIES^(d)

mm (in.) unless otherwise noted

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 (degrees)	19.5
Breakover Angle with P215/60/R17 tire (degrees)	20.6
Departure Angle with P215/60/R17 tire (degrees)	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 (degrees)	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	Sport 2WD — 1,409 kg (3,107 lb.) 2.0-litre (manual) Sport 2WD — 1,445 kg (3,185 lb.) 2.0-litre (CVT2) Sport 2WD — 1,407 kg (3,103 lb.) 2.4-litre (manual) Sport 2WD — 1,442kg (3,178 lb.) 2.4-litre (automatic) Sport 4WD — 1,478 kg (3,258 lb.) 2.4-litre (manual) Sport 4WD — 1,528 kg (3,354 lb.) 2.4-litre (automatic) Sport 4WD — 1,515 kg (3,341 lb.) 2.4-litre (CVT2L)
Weight Distribution, per cent F/R	59/41 — 2WD 58/42 — 4WD
Fuel Tank Capacity, litre (imp. gal)	51.5 (11.3) — 2WD; 51.1 (11.2) — 4WD

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



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ACCOMMODATIONS

mm (in.) unless otherwise noted

Seating Capacity, front/rear	2/3
Front	
Headroom 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 (degrees)	Driver — up to 88; Passenger — up to 88
Front Seat Volume Index	1,478 litres (52.2 cu. ft.)
Rear	
Headroom	1,013 (39.9)
Legroom	1,001 (39.4)
Knee Clearance	44.1 (1.7)
Shoulder Room	1,372 (54.0)
Hip Room	1,295 (51.0)
Rear Seat Volume Index	1,391 litres (49.1 cu. ft.)
Interior Volume	2,868 litres (101.3 cu. ft.)
Cargo Volume Indexes	
Rear Seats Up	643 litres (22.7 cu. ft.)
Rear Seats Folded	1,515 litres (53.5 cu. ft.)
Interior Volume Index	3,511 litres (124 cu. ft.)
Trunk Lift-over Height	775 (30.5)
Cargo Volume with Front Passenger Seat and Rear Seat Folded	1,775 litres (62.7 cu. ft.)
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)



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WHEELS (in.)

Availability	Standard — Sport with 2.0-litre engine
Type and Material	Machine-faced painted aluminum
Size	16 x 6.5

Availability	Standard — North and High Altitude Available on Sport with 2.4-litre engine
Type and Material	Full painted aluminum
Size	17 x 6.5

Availability	Optional — High Altitude
Type and Material	Chrome-clad aluminum
Size	18 x 7.0

Availability	Optional — High Altitude
Type and Material	Aluminum with Granite painted pockets
Size	17 x 6.5

TIRES

Availability	Standard — Sport with 2.0-litre engine
Size and Type	P205/70R16 BSW All-season Touring
Manufacturer and Model	Goodyear Eagle LS
Revs per km (mile)	475 (763)

Availability	Standard — High Altitude FWD, Sport 4x4 Available on North 4x4 with Off-Road Group
Size and Type	P215/60R17 BSW All-season Touring
Manufacturer and Model	Firestone Affinity S3
Revs per km (mile)	479 (771)

Availability	Standard — North FWD/4x4 and High Altitude 4x4 Available on Sport FWD with 2.4-litre engine
Size and Type	225/60R17 BSW All-season Touring
Manufacturer and Model	Kumho Solus KL21
Revs per km (mile)	470 (756)



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Availability	Optional — 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)

Availability	Optional — High Altitude
Size and Type	P215/55R18 All-season Performance
Manufacturer and Model	Firestone Firehawk GTA 03
Revs per km (mile)	476 (765)

