



## 2016 JEEP® CHEROKEE 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	Toledo, Ohio (U.S.A.)
EnerGuide Vehicle Class	Multipurpose vehicle

#### BODY AND CHASSIS

Layout	Transverse front engine, 4x2 and 4x4
Construction	Steel uniframe

#### ENGINE: 3.2-LITRE PENTASTAR™ V6 WITH ENGINE STOP-START (ESS)

Availability	Optional on Sport, North, Limited and Trailhawk
Type and Description	60-degree V-type, liquid-cooled
Displacement	3,239 cu. cm (197.7 cu. in.)
Bore x Stroke	91.0 x 83.0 (3.58 x 3.27)
Valve System	Chain-driven, DOHC, 24 valves, with hydraulic roller finger followers
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Die cast aluminum block, aluminum alloy heads
Compression Ratio	10.7:1
Power	271 hp @ 6,500 rpm (82.4 hp/litre)
Torque	239 lb.-ft. @ 4,400 rpm
Max. Engine Speed	6,500 rpm, electronically limited
Fuel Requirement	Regular unleaded, 87 octane (R+M)/2
Oil Capacity	5.7 litres (6.0 qt.)
Coolant Capacity	9.2 litres (9.7 qt.)
Emission Controls	Two mini-oxidation three-way catalytic converters; four heated oxygen sensors; and internal engine features Engine Stop/start technology



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2015 EnerGuide Fuel Economy L/100 km (mpg) city/hwy	4x2 11.4 (25) / 8.1 (35)
	Jeep Active Drive I 11.6 (24) / 8.5 (33)
	Jeep Active Drive II 12.6 (22) / 8.9 (32)
	Jeep Active Drive Lock 12.2 (23) / 9.0 (31)
Engine Assembly Plant	Trenton, Michigan (U.S.A.)

### ENGINE: 2.4-LITRE MULTIAIR TIGERSHARK I-4

Availability	Standard — Sport, North, Limited and Trailhawk
Type and Description	Inline four-cylinder, 16-valve MultiAir with multiport fuel injection
Displacement	2,360 cu. cm (144 cu. in.)
Bore x Stroke	88 X 97
Valve System	SOHC, four valves per cylinder (16 total)
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Aluminum block, aluminum cylinder head
Compression Ratio	10:1
Power	184 hp @ 6,400 rpm
Torque	171 lb.-ft. @ 4,600 rpm
Max. Engine Speed	6,500 rpm
Fuel Requirement	Unleaded regular, 87 octane
Oil Capacity	5.2 litres (5.5 qt.)
Coolant Capacity	6.7 litres (7.1 qt.)
Emission Controls	Single catalytic converter, heated wide band lambda sensor upstream and mid-catalyst heated oxygen sensor Partial zero-emissions vehicle in CARB states
Estimated EnerGuide Fuel Economy L/100km (mpg) city/hwy	4x2 10.9 (26) / 7.7 (37)
	Jeep Active Drive I 11.3 (25) / 8.3 (34)
	Jeep Active Drive II 11.4 (25) / 8.6 (33)
	Jeep Active Drive Lock 12.1 (23) / 9.4 (30)
Engine Assembly Plant	Dundee, Michigan (U.S.A.)

### TRANSMISSION: 948TE 9-SPEED AUTOMATIC

Availability	Standard — all models
Description	Planetary gear train, transverse layout
Ratio Spread	9.81



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### Gear Ratio

1 <sup>st</sup>	4.71
2 <sup>nd</sup>	2.84
3 <sup>rd</sup>	1.91
4 <sup>th</sup>	1.38
5 <sup>th</sup>	1.00
6 <sup>th</sup>	0.81
7 <sup>th</sup>	0.70
8 <sup>th</sup>	0.58
9 <sup>th</sup>	0.48
Rev	3.83
Axle Ratios	3.2-litre 4x2 — 3.251
	3.2-litre 4x4 (non-trailer tow) — 3.251
	3.2-litre 4x4 (trailer tow) — 3.517
	2.4-litre 4x2 — 3.734
	2.4-litre 4x4 (non-Trailhawk) — 3.734
	2.4-litre 4x4 (Trailhawk) — 4.083

### 4X4 SYSTEMS: JEEP ACTIVE DRIVE I, JEEP ACTIVE DRIVE II, JEEP ACTIVE DRIVE LOCK

Availability	Jeep Active Drive I is optional on Sport, North, and Limited models. Jeep Active Drive II is optional on North and Limited. Jeep Active Drive Lock is standard on Trailhawk
Type	Fully disconnecting 4x2 mode with automatic 4x4 engagement
	Electronic 4x4 Low and Neutral range shifting for Active Drive II and Lock
	Full-time 4x4 mode with active on demand clutch on all 4x4 systems
Operating Modes	Auto 4x2/4x4
	4x4 Low, Neutral for Active Drive II and Lock
Centre Differential Type	None
Terrain Response	Unique tuning in all terrain modes
Low-range Ratio	2.92:1

### ELECTRICAL SYSTEM

Alternator	160-amp, 180-amp optional
Battery	600-amp maintenance-free, 730-amp optional, 700-amp AGM (with 3.2-litre engine with stop/start only)



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### SUSPENSION

Front	McPherson strut, long travel coil springs, one-piece aluminum sub-frame, aluminum lower control arms, stabilizer bar
Rear	Four link rear suspension with trailing arm, aluminum lateral links, isolated high-strength steel rear cradle, coil springs, stabilizer bar

### STEERING

Type	Electric power rack and pinion
Overall Ratio	15.15 4x2 and 4x4, 15.36 4x4 Lock
Turning Diameter (curb-to-curb)	4x2: 11.5 m (37.6 ft.)
	4x4 I: 11.5 m (37.7 ft.)
	4x4 II: 11.6 m (38.0 ft.)
	4x4 Jeep Active Drive Lock: 11.6 m (38.1 ft.)
Steering Turns (lock-to-lock)	2.56 4x2 and 4x4, 2.67 4x4 Lock

### BRAKES

Front	
Size and Type	330 x 28 (13 x 1.1) vented rotor with 60 (2.36) single-piston floating caliper
	330 x 28 (13 x 1.1) vented rotor with 48 (1.89) twin piston floating caliper (available)
Swept Area (per caliper)	651.1 sq. cm (100.9 sq. in.), 1 x 60; 839.4 sq. cm (130.1 sq. in.), 2 x 48
Rear	
Size and Type	278 x 12 (10.95 x 0.47) solid rotor with 38 (1.5) single-piston floating caliper
	320 x 12 (12.6 x 0.47) solid rotor with 43 (1.69) single piston floating caliper (available)
Swept Area (per caliper)	638.6 sq. cm (99.0 sq. in.) 1 x 38; 754.8 sq. cm (117.0 sq. in.) 1 x 43
Power-assist Type	230 x 230 (9 x 9) tandem diaphragm, vacuum assist
Four-wheel anti-lock brake system (ABS)	Standard
Electronic Stability Control (ESC)	Standard
Parking Brake Type	Electric motor on caliper
Parking Brake Type	Electronic park brake
All-speed Traction Control	Standard



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### DIMENSIONS AND CAPACITIES<sup>(a)</sup> mm (in.) unless otherwise noted

Wheelbase	2,699.1 (106.26) 4x2, 2,700 (106.3) 4x4 I, 2,718.8 (107.0) 4x4 Lock
Track, Front	1,574.9 (62.2) 4x2 and 4x4, 1,593.5 (62.7) 4x4 II, and 1,613.5 (63.5) 4x4 Lock
Track, Rear	1,573.2 (61.9) 4x2 and 4x4, 1,594.1 (62.7) 4x4 II, and 1,614.1 (63.5) 4x4 Lock
Overall Length (NAFTA vehicles)	4,624 (182)
Overall Width	1,858.8 (73.2) 4x2 and 4x4, 1,903.6 (74.9) 4x4 Lock
Overall Height (with roof rack)	1,682.9 (66.2) 4x4, 1,670.2 (65.7) 4x2, 1,710 (67.3) 4x4 II, and 1,723.3 (67.8) 4x4 Lock
Load-floor height	785.6 (30.9) 4x4
Sill-step height	453.8 (17.9) front step height, 460.8 (18.1) rear step height, 4x4
Ground Clearances (4x4 with P245/65R17 tires)	221.6 (8.7) minimum running ground clearance
Chassis	247.8 (9.7) cradle bolt head / 222.9 (8.8) front underbody skid plate
Fuel Tank	266.2 (10.5) (bolt under fuel tank) / 255.3 (10) brush guard
Front Axle	265.4 (10.4) two-speed PTU heat shield
Rear Axle	246.4 (9.7) two-speed RDM with locker
Approach Angle, (with air dam) (degrees)	29.9 4x4 Lock; 18.9 4x4 I, 21.0 4x4 II; 16.7 4x2
Breakover Angle (degrees)	22.9 4x4 Lock; 19.5 4x4 I; 21.7 4x4 II; 17.7 4x2
Departure Angle (degrees)	32.2 4x4 Lock; 25.0 4x4 I; 27.3 4x4 II; 24.6 4x2
Aero Cd	0.339 (2.4-litre FWD with grille shutters)
Fuel-tank Capacity	60 litres (13.1 gal.)
Maximum occupants and cargo weight	454 kg (1,000 lb.)
All models without Trailer-tow Group and equipped with aftermarket Class II type hitch	907 kg (2,000 lb.)
2.4-litre engine automatic transmission with Trailer Tow Package (Class III)	907 kg (2,000 lb.)
3.2-litre engine automatic transmission with Trailer Tow Package (Class III)	2,041 kg (4,500 lb.)
Curb Weight	
2.4-litre 4x2	1,658 kg (3,655 lb.)
3.2-litre 4x2	1,714 kg (3,779 lb.)
2.4-litre 4x4	1,793 kg (3,953 lb.)
3.2-litre 4x4	1,835 kg (4,046 lb.)
2.4-litre 4x4 Lock	1,827 kg (4,028 lb.)
3.2-litre 4x4 Lock	1,863 kg (4,108 lb.)



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Weight Distribution, 4x4, per cent F/R	57/43
GVWR	2,291 kg (5,050 lb.) – 2.4-litre FWD
	2,494 kg (5,500 lb.) – 2.4-litre 4x4, 3.2-litre FWD, 3.2-litre 4x4

(a) All dimensions measured with two passengers.

### ACCOMMODATIONS mm (in.) unless otherwise noted

Seating Capacity — Front/Rear	2/3
Front Row	
Headroom without Sunroof	999 (39.4)
Headroom with Sunroof	965 (37.9)
Legroom	1,045 (41.1)
Shoulder Room	1,462 (57.6)
Hip Room	1,367 (53.8)
Seat Travel	210 (8.3) driver / 190 (7.5) front passenger
Recliner Range (degrees)	8 to 76 (manual) / 8 to 55.25 (powered)
Volume (standard roof)	1,529 litres (53.98 cu. ft.)
Second Row	
Headroom	978 (38.5)
Legroom	1,023 (40.3)
Knee Clearance	90.1 (3.5)
Shoulder Room	1,399 (55.1)
Hip Room	1,268 (49.9)
Recliner Range (degrees)	19.25 to 25.25
Cargo Volume	1,401 litres (49.47 cu. ft.)
Cargo Access	
Liftover Height	786 (30.9) 4x4
Maximum Cargo Width at Liftgate Opening	1,051 (41.4) without subwoofer
Minimum Cargo Width at Liftgate Opening	917 (36.1) at top of opening
Maximum Cargo Height at Liftgate Opening	825.0 (32.5) 4x4 Lock
Minimum Cargo Height at Liftgate Opening	780.0 (30.7) 4x2
Distance Between Wheelhouse Interior Trim	1,001 (39.4)



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### Cargo Volume

Rear Seats Up	697 litres (24.6 cu. ft.)
Rear Seats Folded	1,555 litres (54.9 cu. ft.)
Interior Volume Index	3,625 litres (128 cu. ft.)
Cargo Volume with Front Passenger Seat and Rear Seat Folded	1,668 litres (58.9 cu. ft.)
Behind Rear Seat	697 litres (24.6 cu. ft.) rear seat at design position
	762 litres (26.9 cu. ft.) rear seat at mid travel
	824 litres (29.1 cu. ft.) rear seat at full forward
Behind Front-row Seats with Rear Seats Folded	1,555 litres (54.9 cu. ft.)

### WHEELS (in.)

Availability	Standard — Sport
Type and Material	Painted Silver full face steel
Size	17 x 7
Availability	Standard — North
Type and Material	Painted Silver cast aluminum
Size	17 x 7
Availability	Standard — Limited
Type and Material	Polished aluminum with non-painted pockets
Size	18 x 7
Availability	Standard — Trailhawk
Type and Material	Polished aluminum with painted pockets
Size	17 x 7.5
Availability	Available — Trailhawk
Type and Material	Jet Black Semi-gloss Painted Aluminum
Size	17 x 7.5



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### TIRES

Availability	Standard — Sport and North (4x2)
Size and Type	225/60R17 BSW, All-season
Mfr. and Model	Firestone Destination LE2
Revs per km (mile)	470 (757)
Availability	Standard — Sport and North (4x4)
Size and Type	225/65R17 BSW, All-season
Mfr. and Model	Firestone Destination LE2
Revs per km (mile)	456 (734)
Availability	Standard— Limited (4x2)
Size and Type	225/55R18 BSW All-season
Mfr. and Model	Continental ProContact TX
Revs per km (mile)	467 (752)
Availability	Standard — Limited (4x4)
Size and Type	225/60R18 BSW, Touring
Mfr. and Model	Continental ProContact TX
Revs per km (mile)	452 (727)
Availability	Standard — Trailhawk
Size and Type	P245/65R17 OWL All-terrain
Mfr. and Model	Firestone Destination A/T
Revs per km (mile)	443 (713)

