



## 2014 Jeep® Cherokee CANADIAN SPECIFICATIONS

*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 North Assembly Plant, Toledo, Ohio (U.S.A.)
EnerGuide Vehicle Class	Multipurpose vehicle
Introduction Date	Initial introduction mid-2013 as a 2014 model

### BODY AND CHASSIS

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

### ENGINE: 3.2-LITRE DOHC 24-VALVE V6

Availability	Optional on Sport, North 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, return-less
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
EnerGuide Fuel Economy L/100 km (mpg), City/Hwy	TBD — 4x2 with automatic transmission TBD — 4x4 with automatic transmission
Engine Assembly Plant	Trenton Engine, Trenton, Mich. (U.S.A.)



**ENGINE: 2.4-LITRE 16-VALVE MULTIAIR® TIGERSHARK™ INLINE FOUR-CYLINDER**

Availability	Standard on Sport, North and Limited
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, 4 valves per cylinder (16 total)
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Aluminum block, aluminum cylinder head
Compression Ratio	10:1
Power	184 hp @ 6,250 rpm
Torque	171 lb.-ft. @ 4,800 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
Estimated EnerGuide Fuel Economy L/100km (mpg) (city/hwy)	TBD
Engine Assembly Plant	Dundee Engine Plant, Dundee, Mich. (U.S.A.)

**TRANSMISSION: 948TE NINE-SPEED AUTOMATIC**

Availability	Standard on all models
Description	Planetary gear train, transverse layout
Ratio Spread	9.79
Gear Ratios	
1st	4.70
2nd	2.84
3rd	1.91
4th	1.38
5th	1.00
6th	0.81
7th	0.70
8th	0.58
9th	0.48



Rev	3.81
Spread	9.79
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-trailer tow) — 3.734 2.4-litre 4x4 (trailer tow) — 4.048

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

Availability	Jeep Active Drive I is standard on Sport, North and Limited and 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 Full-time 4x4 mode with active on demand clutch
Operating Modes	Auto 4x2/4x4, 4x4 Low, Neutral
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

#### **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, and 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: 11.5 m (37.7 ft.) 4x4 Lifted: 11.6 m (38.0 ft.) Off-road: 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

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

Wheelbase	2,700 (106.3) 4x4 I, 2,699.1 (106.26) 4x2, 2,718.8 (107.0) 4x4 Lock
Track, Front	1,574.9 (62) 4x4 and 4x2, 1,593.5 (62.7) 4x4 II, and 1,613.5 (63.5) 4x4 Lock
Track, Rear	1,573.2 (61.9) 4x4 and 4x2, 1,593.5 (62.7) 4x4 II, and 1613.5 (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)	219.1 (8.7) minimum running ground clearance
Chassis	247.8 (9.7) cradle bolt head / 222.9 (8.8) front underbody skid plate
Fuel Tank	271.3 (10.7) (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, 16.7 4x2



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Breakover Angle (degrees)	22.9 4x4 Lock; 19.5 4x4 I; 17.7 4x2
Departure Angle (degrees)	32.2 4x4 Lock; 25.0 4x4 I; 24.6 4x2
Frontal Area	TBD
Aero CdA	TBD (Cd x cross-sectional area)
Aero Cd	TBD
Fuel-tank Capacity	60 L (13.1 gal.)
Payload	454 kg (1,000 lb.)
Towing	907 kg (2,000 lb.)
All models without Trailer-tow Group and equipped with aftermarket Class II type hitch	
3.2-litre engine automatic transmission with Trailer Tow Package (Class III)	2,041 kg (4,500 lb.)
Curb Weight	
3.2-litre 4x2	1,729 kg (3,811 lb.)
3.2-litre 4x4	1,834 kg (4,044 lb.)
3.2-litre 4x4 Lock	1,862 kg (4,106 lb.)
Weight Distribution, 4x4, F/R	57/43

(a) All dimensions measured with two passengers.

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

Seating Capacity — F/R	2/3
Front Row	
Head Room without Sunroof	999.9 (39.4)
Head Room with Sunroof	964.5 (37.9)
Legroom	1,045 (41.1)
Shoulder Room	1,462.3 (57.6)
Hip Room	1,366.6 (53.8)
Seat Travel	210 (8.3)
Recliner Range (degrees)	6 to 84 (manual) / 6 to 61.25 (automatic)
Volume (standard roof)	1,585.2 litres (55.98 cu. ft.)
Second Row	
Head Room	978.2 (38.5)
Legroom	1,023.2 (40.3)
Knee Clearance	90.1 (3.5)
Shoulder Room	1,399.8 (55.1)
Hip Room	1,268.1 (49.9)



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Recliner Range (degrees)	19.25 to 27.25
Cargo Volume	1,400.8 litres (49.47 cu. ft.)
Cargo Access	
Liftover Height	785.6 (30.9) 4x4
Maximum Cargo Width at Liftgate Opening	1,051 (41.4) without subwoofer
Minimum Cargo Width at Liftgate Opening	916.9 (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	1,000.5 (39.4)
Cargo Volume	
Behind Rear Seat	702.3 litres (24.8 cu. ft.) rear seat at design position 770.2 litres (27.2 cu. ft.) rear seat at mid travel 841 litres (29.7 cu. ft.) rear seat at full forward
Behind Front-row Seats with Rear Seats Folded	1,554.6 litres (54.9 cu. ft.)
<b>WHEELS (in.)</b>	
Availability	Standard on Sport
Type and Material	Painted Silver Full Face Steel
Size	17 x 7
Availability	Standard on North
Type and Material	Painted Silver cast aluminum
Size	17 x 7
Availability	Standard on Limited
Type and Material	Polished aluminum with painted pockets
Size	18 x 7
Availability	Standard on Trailhawk
Type and Material	Polished aluminum with painted pockets
Size	17 x 7.5



## TIRES

Availability	Standard on Sport / North 4x2
Size and Type	225/60R17 BSW, all-season
Mfr. and Model	Firestone Destination LE2
Revs per km (mile)	470 (757)
Availability	Standard on Limited 4x2
Size and Type	225/55R18 BSW, all-season
Mfr. and Model	Continental ProContact TX
Revs per km (mile)	467 (752)
Availability	Standard on Sport / North
Size and Type	225/65R17 BSW all-season
Mfr. and Model	Firestone Destination LE2
Revs per km (mile)	456 (734)
Availability	Standard on Limited 4x4
Size and Type	225/60R18 BSW, all-season
Mfr. and Model	Continental ProContact TX
Revs per km (mile)	452 (727)
Availability	Standard on Trailhawk
Size and Type	P245/65R17 OWL all-terrain
Mfr. and Model	Firestone Destination A/T
Revs per km (mile)	443 (713)
Parking Brake Type	Electronic Park Brake
Four-wheel anti-lock brakes	Standard
All-speed traction control	Standard

