



Grand Cherokee

CANADIAN SPECIFICATIONS

2014 Jeep® Grand Cherokee

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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

Vehicle Type	Four-door sport-utility vehicle
Assembly Plant	Jefferson Avenue North Assembly Plant, Detroit, Mich.(U.S.A.)
EnerGuide Vehicle Class	Special-purpose vehicle
Introduction Date	Spring 1992 as a 1993 model

BODY/CHASSIS

Layout	Front engine, four-wheel-drive
Construction	Steel uniframe

ENGINE: 3.6-LITRE DOHC V6

Availability	Available on all models
Type and Description	60-degree V-type, liquid-cooled
Displacement	3,604 cu. cm (220 cu. in.)
Bore x Stroke	96 x 83 (3.77 x 3.26)
Valve System	Chain-driven DOHC, 24 valves and hydraulic end-pivot roller rockers
Fuel Injection	Sequential, multi-port, electronic, returnless
Construction	Aluminum deep-skirt block, aluminum alloy heads
Compression Ratio	10.2:1
Power (est.)	290 hp @ 6,400 rpm
Torque (est.)	260 lb.-ft. @ 4,800 rpm
Max. Engine Speed	6,400 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R + M)/2
Oil Capacity	5.7 litres (6.0 qt.)
Coolant Capacity	13.25 litres (14.0 qt.)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features
Max. Gross Trailer Weight	3,812 kg (6,200 lb.) — 4WD
2013 EnerGuide Fuel Economy L/100km (mpg) City/Hwy	12.4 (23)/8.3 (34)



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Assembly Plant Trenton South Engine Plant, Trenton, Mich.(U.S.A.)

ENGINE: 5.7-LITRE DOHC V8

Availability	Standard on Overland and Summit, optional on Limited
Type and Description	90-degree V-type, liquid-cooled
Displacement	5,654 cu. cm (345 cu. ft.)
Bore x Stroke	99.5 x 90.9 (3.92 x 3.58)
Valve System	Variable-valve timing (VVT), pushrod-operated overhead valves, 16 valves, eight deactivating and eight conventional hydraulic lifters, all with roller followers
Fuel Injection	Sequential, multi-port, electronic, returnless
Construction	Deep-skirt cast-iron block with cross-bolted main bearing caps, aluminum alloy heads with hemispherical combustion chambers
Compression Ratio	10.5:1
Power (est.)	360 hp @ 5,150 rpm
Torque (est.)	390 lb.-ft. @ 4,250 rpm
Max. Engine Speed	5,800 rpm (electronically-limited)
Fuel Requirement	Unleaded mid-grade, 89 octane (R+M)/2 — recommended; unleaded regular, 87 octane (R+M)/2 — acceptable
Oil Capacity	6.6 litres (7 qt.)
Coolant Capacity	13.72 litres (14.5 qt.)
Emission Controls	Dual close-coupled three-way catalytic converters, quad heated oxygen sensors and internal engine features
Max. Gross Trailer Weight	3,265 kg (7,200 lb.) (4x4)
2013 EnerGuide Fuel Economy L/100km (mpg) City/Hwy	15.6 (18)/9.9 (29)
Assembly Plant	Trenton South Engine Plant, Trenton, Mich. (U.S.A.)

ENGINE: 3.0-LITRE DOHC ECODIESEL V6

Availability	Optional on Overland and Summit
Type and Description	60-degree V-type, liquid-cooled
Displacement	2,988 cu. cm (182 cu. in.)
Bore x Stroke	83 x 92 (3.27 x 3.60)
Valve System	Chain-driven DOHC, 24 valves
Fuel Injection	Common-rail, 2000 bar, Solenoid Injectors
Construction	Iron block, aluminum alloy heads
Compression Ratio	15.5:1
Power (est.)	240 hp @ 3,600 rpm
Torque (est.)	420 lb.-ft. @ 2,000 rpm



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Max. Engine Speed	4,800 rpm (electronically limited)
Fuel Requirement	Ultra Low-sulfur diesel
Oil Capacity	7.8 litres (8.2 qt.)
Coolant Capacity	11.4 litres (12 qt.)
Emission Controls	Cooled EGR, Oxidation catalyst, Diesel particulate filter, SCR w/urea injection
Max. Gross Trailer Weight	2,240 kg (7,200 lb.) (4x4)
Estimated Fuel Economy L/100 km (mpg) City/Hwy	9.8 (29) / 7.0 (40)
Assembly Plant	VM Motori Cento, Ferrara (Italy)

TRANSMISSION: ZF AUTOMATIC, EIGHT-SPEED OVERDRIVE

Availability	Standard on all models
Description	Driver-interactive manual control via steering wheel paddle shifters and electronically-modulated torque converter clutch
Gear Ratios	
1st	4.714
2nd	3.143
3rd	2.106
4th	1.667
5th	1.285
6th	1.000
7th	0.839
8th	0.667
Reverse	3.295

TRANSFER CASE: MP 3010 (Quadra-Trac I™)

Availability	Optional with V6
Type	Single-speed
Operating Mode	Full-time AWD
Low Range Ratio	None
Torque Split, Front/Rear	50/50



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TRANSFER CASE: MP 3022 (Quadra-Trac II™ and Quadra-Drive®)

Availability	Optional with the V6, V8 and EcoDiesel engines
Type	Two-speed, electronically shifted
Operating Modes	4x4 Low (Lock), Neutral; full-time active 4x4
Low Range Ratio	2.72
Torque Split, Front/Rear	Variable

AXLES

Front

Differential Type	Conventional
Availability	Standard on 4x4 models
Ring Gear Diameter	195 (7.7)
Axle Ratios	3.45:1 — V6 and EcoDiesel; 3.09:1 — V8

Rear

Differential Type	Conventional (Electronic Limited Slip on packaged with V8 and EcoDiesel V6)
Availability	Standard on all engines
Ring Gear Diameter	215 (8.4) — 3.6-litre, 225 (8.9) — 5.7-litre, & 3.0-litre EcoDiesel V6
Axle Ratios	3.45:1 — V6 and EcoDiesel; 3.09:1 — V8

ELECTRICAL SYSTEM

Alternator	160-amp; 180-amp or 220-amp depending on option content
Battery	Group 65 maintenance-free 750CCA

SUSPENSION

Front	Short- and long-arm independent (SLA), coil springs, gas-charged, twin-tube coil-over shock absorbers, upper- and lower-control arms ("A" arms), stabilizer bar
Rear	Multi-link rear suspension, coil spring, twin tube shocks (including load levelling for towing), aluminum lower control arm, independent upper links (tension and camber) plus a separate toe link

STEERING

Type	Power rack and pinion (V8), electro-hydraulic power steering (V6 and EcoDiesel)
Overall Ratio	18.9:1 — on centre; 15.7:1 — at full lock
Turning Diameter (curb-to-curb)	11.3 m (37.1 ft.)
Steering Turns (lock-to-lock)	3.67
P/S pump	Electro-hydraulic on V6 & EcoDiesel, hydraulic on V8



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BRAKES

Type	Power, single-rate, tandem diaphragm vacuum, ABS
Availability	Standard
Front	
Rotor size and type	328 x 30 (12.9 x 1.2) vented disc
Caliper size and type	48 (1.89) two-piston pin-slider caliper
Swept area	1,820 sq. cm (282 sq. in.)
Rear	
Rotor size and type	320 x 14 (12.6 x 0.55) disc
Caliper size and type	48 (1.89) single-piston pin-slider caliper
Swept area	1,658 sq. cm (257 sq. in.)
Standard four channel ABS	

DIMENSIONS AND CAPACITIES mm (in.) unless otherwise noted

Wheelbase	2,915 (114.8)
Track, Front	1,623 (63.9)
Track, Rear	1,627 (64.1)
Overall Length	4,822 (189.8)
Overall Width (Width at Mirrors)	2,154 (84.8)
Body Width	1,943 (76.5)
Overall Height (at Roof Rail / at Antenna)	1,761 (69.3) / 1,779 (70.0)
Load Floor Height	822 (32.4) — standard suspension/ 807 (31.8) — air suspension
Sill Step Height	520 (20.5) — standard suspension/ 508 (20.0) — air suspension
Ground Clearance (with P245/70R17 Tire and 3.6-litre engine)	218 (8.6) — standard suspension/ 287 (11.3) — air suspension (Pos#2)
Chassis (Fuel Tank)	243 (9.6) — standard suspension/ 294 (11.6) — air suspension (Pos#2)
Front Axle	236 (9.3) — standard suspension/ 269.5 (10.6) — air suspension (Pos#2)
Rear Axle	253 (10.0) — standard suspension/ 303.5 (12.0) — air suspension (Pos#2)
Approach Angle (degrees)	26.3 — standard suspension/ 35.8 — air suspension (Pos#2, air-dam off)
Ramp Breakover Angle (degrees)	18.8 — standard suspension/ 23.5 — air suspension (Pos#2)
Departure Angle (degrees)	26.5 — standard suspension/ 29.6 — air suspension (Pos#2)
Frontal Area	2.88 sq. m (31.0 sq. ft.)
Drag Coefficient	0.371
Aero CdA	11.5 (Cd x cross-sectional area)
Fuel Tank Capacity	93.1 litres (24.6 gal.)



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ACCOMMODATIONS mm (in.) unless otherwise noted

Seating Capacity (front/rear)	2/3
Total Interior Passenger Volume	2,985 litres (105.4 cu. ft.)
Front	
Head Room	1,013 (39.9)
Legroom	1,025 (40.3)
Shoulder Room	1,491 (58.7)
Hip Room	1,449 (57.0)
Seat Travel	280 (11.0)
Front Volume Index	1,546 litres (54.6 cu. ft.)
Rear	
Head Room	995 (39.2)
Legroom	981 (38.6)
Knee Clearance	110 (4.3)
Shoulder Room	1,474 (58.0)
Hip Room	1,428 (56.2)
Rear Seat Volume Index	1,438 litres (50.8 cu. ft.)
Maximum Cargo Volume	1,934 litres (68.3 cu. ft.)
Behind Second-row Seats	1,028 litres (36.3 cu. ft.)
Total Passenger + Cargo Volume	3,979 litres (140.5 cu. ft.)

WEIGHTS (Estimates)

	MODEL	ENGINE	GVWR ^(a) kg (lb.)	CURB WEIGHT ^(b) kg (lb.)	PAYLOAD ^(c) kg (lb.)
4WD	Laredo	3.6-litre	2,948 (6500)	2,121 (4677)	600 (1320)
		3.6-litre	2,948 (6500)	2,211 (4875)	580 (1270)
	Limited	5.7-litre	3,084 (6800)	2,329 (5135)	585 (1290)
		3.0-litre EcoDiesel	3,084 (6800)	2,393 (5275)	580 (1270)
	Overland	3.6-litre	2,948 (6500)	2,261 (4984)	520 (1150)
		5.7-litre	3,084 (6800)	2,381 (5250)	520 (1150)
		3.0-litre EcoDiesel	3,084 (6800)	2,446 (5393)	530 (1170)
	Summit	3.6-litre	2,948 (6500)	2,247 (4955)	475 (1050)
		5.7-litre	3,084 (6800)	2,367 (5219)	475 (1050)
		3.0-litre EcoDiesel	3,084 (6800)	2,437 (5374)	475 (1050)

(a) Gross Vehicle Weight Rating.

(b) Curb weight includes standard equipment and full quantities of fuel, lubricant and coolant.

(c) Payload is the maximum allowable weight of driver, passengers, cargo, and options, rounded to the nearest 5 kg (10 lb.).



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WEIGHT DISTRIBUTION, F/R

4WD	MODEL	ENGINE	DISTRIBUTION
	Limited	3.6-litre	52/48
		5.7-litre	54/46
		3.0-litre EcoDiesel	54/46
	Overland	3.6-litre	52/48
		5.7-litre	53/47
		3.0-litre EcoDiesel	53/47
	Summit	3.6-litre	51/49
		5.7-litre	53/47
		3.0-litre EcoDiesel	53/47

TIRES

Standard — Laredo

Size and Type	P245/70R17
Mfr. and Model	Goodyear Fortera HL Black Sidewall All-Season
Revs per km (mile)	1,103 (685)

Standard — Limited; Optional — Laredo

Size and Type	P265/60R18
Mfr. and Model	Michelin Latitude Tour Black Sidewall All-Season
Revs per km (mile)	1,113 (691)

Standard — Overland; Optional — Limited

Size and Type	P265/50R20
Mfr. and Model	Goodyear Fortera HL Black Sidewall All-Season
Revs per km (mile)	1,111 (690)

Optional — Laredo, Limited and Overland

Size and Type	P265/60R18
Mfr. and Model	Michelin Latitude Tour Black Sidewall All-Season
Revs per km (mile)	1,113 (691)



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Standard — Summit

Size and Type	P265/50R20
Mfr. and Model	Goodyear Fortera HL Black Sidewall All-Season
Revs per km (mile)	1,111 (690)
Parking Brake Type	Drum-in-hat
Four-wheel Anti-lock Brakes	Standard
Electronic stability control	Standard
All-speed traction control	Standard
Brake Assist	Standard

TRAILER TOWING

	Engine	Axle Ratio	Maximum Trailer Weight kg (lb.)
4WD	3.6-litre V6	3.45	2,812 (6200)
	5.7-litre V8	3.09	3,265 (7200)
	3.0-litre EcoDiesel V6	3.45	3,265 (7200)

