



2017 JEEP® GRAND CHEROKEE /  
GRAND CHEROKEE SRT  
**CANADIAN  
SPECIFICATIONS**



**FCA CANADA**

**2017 Jeep® Grand Cherokee / Grand Cherokee SRT  
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**

Vehicle Type	Four-door sport-utility vehicle
Assembly Plant	Jefferson Avenue North, Detroit, Mich., USA
EPA Vehicle Class	Multipurpose vehicle
Introduction Date	Spring 1992 as a 1993 model

**BODY AND CHASSIS**

Layout	Front engine, four-wheel drive
Construction	Steel uniframe

**ENGINE: 3.6-LITRE PENTASTAR V6**

Availability	Standard on all models other than SRT
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, multiport, electronic, returnless
Construction	Aluminum deep-skirt block, aluminum alloy heads
Compression Ratio	10.2:1
Power (est.) (SAE J2723)	Up to 295 hp at 6,400 rpm
Torque (est.) (SAE J2723)	260 lb.-ft. at 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 quarts)
Coolant Capacity	13.2 litres (14.0 quarts)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features
Max. Gross Trailer Weight	2812.2 kg (6,200 lbs.) — 4WD



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EnerGuide (2016) Fuel Consumption 12.8 (22)/9.5 (29)/11.3 (25)  
Ratings L/100 km (MPG – imperial  
gallon) city/hwy/combined

*Based on 2016 EnerGuide fuel consumption ratings. Government of Canada test methods used. Your actual fuel consumption will vary based on driving habits and other factors. For EnerGuide information, please visit the Government of Canada website: [www.vehicles.nrcan.gc.ca](http://www.vehicles.nrcan.gc.ca)*

Assembly Plant Trenton, Mich., USA

**ENGINE: 5.7-LITRE V8**

Availability	Optional — Limited, Trailhawk, Overland and Summit
Type and Description	90-degree V-type, liquid-cooled
Displacement	5,654 (345 cu. in.)
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.) (SAE J2723)	360 hp (268 kW) at 5,150 rpm
Torque (est.) (SAE J2723)	390 lb.-ft. (520 N•m) at 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 quarts)
Coolant Capacity	13.7 litres (14.5 quarts)
Emission Controls	Dual close-coupled three-way catalytic converters, quad heated oxygen sensors and internal engine features
Max. Gross Trailer Weight	3265.8 (7,200 lbs.) (4x4)
EnerGuide (2016) Fuel Consumption Ratings L/100 km (MPG – imperial gallon) city/hwy/combined	16.7 (17)/10.7 (26)/14.0 (20)
Assembly Plant	Saltillo, Mexico

**ENGINE: 3.0-LITRE DOHC ECODIESEL V6**

Availability	Optional — Overland and Summit
Type and Description	60-degree V-type, liquid-cooled
Displacement	2,988 cu. cm (182 cu. in.)



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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	16.5:1
Power (est.) (SAE J2723)	240 hp (179 kW) at 3,600 rpm
Torque (est.) (SAE J2723)	420 lb.-ft. (569 N•m) at 2,000 rpm
Max. Engine Speed	4,800 rpm (electronically limited)
Fuel Requirement	Ultra Low-sulfur diesel
Oil Capacity	7.8 litres (8.2 quarts)
Coolant Capacity	11.4 litres (12 quarts)
Emission Controls	Cooled EGR, Oxidation catalyst, Diesel particulate filter, SCR with urea injection
Max. Gross Trailer Weight	3,265 kg (7,200 lbs.)
EnerGuide (2016) Fuel Consumption Ratings L/100 km (MPG – imperial gallon) city/hwy/combined	11.2 (25)/8.4 (34)/9.9 (29)
Assembly Plant	VM Motoric Cento, Ferrara, Italy

**ENGINE: 6.4-LITRE V8**

Availability	Standard — SRT
Type and Description	90-degree V-type, liquid-cooled
Displacement	6,417 cu. cm (392 cu. in.)
Bore x Stroke	103.9 x 94.5 (4.09 x 3.72)
Valve System	Pushrod-operated overhead valves, 16 valves with sodium-filled exhaust valves and hollow stem intake valves, 16 conventional hydraulic lifters, all with roller tips
Fuel Injection	Sequential, multi-port, electronic, returnless; automatic features Fuel Saver mode
Construction	Deep-skirt cast-iron block with cross-bolted main bearing caps, aluminum alloy heads with hemispherical combustion chambers
Compression Ratio	10.9:1
Power (SAE J2723)	475 hp (354 kW) at 6,000 rpm
Torque (SAE J2723)	470 lb.-ft. (637 N•m) at 4,300 rpm
Max. Engine Speed	6,400 rpm (electronically limited)
Fuel Requirement	Premium 91 octane (R+M)/2 — recommended
Oil Capacity	6.6 litres (7.0 quarts)
Coolant Capacity	13.2 litres (14.0 quarts)
Factory Oil Fill	0W-40 Pennzoil Ultra synthetic



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Emission Controls	Dual close-coupled three-way catalytic converters, quad-heated oxygen sensors and internal engine features
Exhaust Type	Dual exhaust with dual 10.1 cm (4-in.) oval black chrome tips
EnerGuide (2016) Fuel Consumption Ratings L/100 km (MPG – imperial gallon) city/hwy/combined	18.5 (15)/12.6(22)/15.8 (18)
Assembly Plant	Saltillo, Mexico

**TRANSMISSION: ZF AUTOMATIC, EIGHT-SPEED OVERDRIVE**

Availability	Standard — all models
Description	Driver-interactive manual control via steering wheel paddle shifters and electronically-modulated torque converter clutch with Eco mode
Gear Ratios	
1st	4.71
2nd	3.14
3rd	2.11
4th	1.67
5th	1.29
6th	1.00
7th	0.84
8th	0.67
Reverse	3.30

**TRANSFER CASE: MP 3010**

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

**TRANSFER CASE: MP 3010**

Availability	Standard with 6.4-litre V8 engine
Type	Single-speed, electronic proportioning
Operating Mode	Full-time 4WD
Torque Split, Front/Rear	Variable – 40/60 Auto, 50/50 Snow and Tow, 35/65 Sport and 30/70 Track



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#### TRANSFER CASE: MP 3022

Availability	Optional with the V6, 5.7-litre 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 all models
Ring Gear Diameter	195 (7.7)
Axle Ratios	3.45:1 — 3.6-litre V6 and EcoDiesel
	3.09:1 — 5.7-litre V8
	3:70:1 — 6.4-litre V8

##### Rear

Differential Type	Conventional (optional Electronic Limited Slip on 5.7-litre V8 and EcoDiesel, Standard on 6.4-litre V8)
Availability	Standard on all engines
Ring Gear Diameter	195 (7.7) — V6 4x4
	230 (9.1) — V6 EcoDiesel, 5.7-litre V8 and 6.4-litre V8
Axle Ratios	3.45:1 — V6 and EcoDiesel
	3.09:1 — 5.7-litre V8
	3:70:1 — 6.4-litre V8

#### ELECTRICAL SYSTEM

Alternator	160-amp; 180-amp or 220-amp depending on model
Battery	Maintenance-free
	H6 650 CCA + Auxiliary 200 CCA on Electronic Stop/Start (ESS)
	H7 700 CCA on V8, H8 800 CCA on 3.0-liter EcoDiesel (not equipped with ESS)





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### SUSPENSION

Front	Short- and long-arm independent (SLA), coil springs, gas-charged, twin-tube coilover shock absorbers, steel upper- and aluminum lower-control arms ("A" arms), aluminum knuckle, hollow stabilizer bar
Front – SRT	Short- and long-arm independent (SLA) with aluminum lower control arm, aluminum knuckle, aluminum clevis, coil springs, Bilstein adaptive damping suspension (ADS), upper- and lower-control arms ("A" arms), hollow stabilizer bar
Rear	Multi-link rear suspension, coil spring, twin tube shocks (including load leveling for towing), aluminum lower control arm, independent upper links (tension and camber) plus a separate toe link, hollow stabilizer bar
Rear - SRT	Multi-link rear suspension, coil spring, Bilstein adaptive damping suspension (ADS), aluminum lower control arm, independent upper links (tension and camber) plus a separate toe link, hollow stabilizer bar

### STEERING

Type	Electric rack and pinion, SRT-tuned on SRT model
Overall Ratio	16.7:1
Turning Diameter (curb-to-curb)	11.3 m (37.1 ft)
Steering Turns (lock-to-lock)	3.2

### BRAKES

Type	Power, single-rate, tandem diaphragm vacuum, anti-lock braking system (ABS)
Availability	Standard
Front	
Rotor size and type	330 x 32 (13.0 x 1.3) vented disc – V6 350 x 32 (13.8 x 1.3) – EcoDiesel and 5.7-litre V8 380 x 34 (15.0 x 1.34) vented disc with Brembo six-piston caliper and ABS – SRT 6.4-litre V8 380 x 34 (15.0 x 1.34) 2-piece aluminum hat performance rotor, directionally slotted with Brembo six-piston caliper and ABS – available on SRT model
Caliper size and type	48 (1.89) two-piston pin-slider caliper
Swept area, (sq. cm / sq. in.)	1,820 (282) 672 (104.2) — SRT
Rear	
Rotor size and type	330 x 14 (13.0 x 0.55) disc – V6 330 x 22 (13.0 x 0.87) vented disc – EcoDiesel and V8 350 x 28 (13.78 x 1.10) disc with Brembo four-piston caliper and single-channel ABS – SRT 350 x 28 (13.78 x 1.10) Performance disc, directionally slotted with Brembo four-piston caliper and single-channel ABS available on SRT



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Caliper size and type	48 (1.89) single-piston pin-slider caliper
Swept area, (sq. cm / sq. in.)	1,658 (257) 508 (79.0) — SRT

#### **DIMENSIONS AND CAPACITIES**

Wheelbase	2,915 (114.8)
Track, Front	1,623 (63.9) 1,636 (64.4) — SRT
Track, Rear	1,627 (64.1) 1,634 (64.7) — SRT
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) 1,717 (67.6) / 1,773 (69.8) — SRT
Load Floor Height	822 (32.4) — standard suspension and SRT 807 (31.8) — air suspension
Sill Step Height	530 (20.5) — standard suspension 508 (20.0) — air suspension 527 (20.7) — SRT
Ground Clearance (with P245/70R17 Tire and 3.6-litre engine)	218 (8.6) — standard suspension 264 (10.4) — air suspension (Off-Road 2) 274(10.8) — air suspension (Off-Road 2)– Trailhawk with 265/50R20 Tire 210 (8.3) — SRT
Chassis (Fuel Tank)	243 (9.6) — standard suspension 271 (10.7) — air suspension (Off-Road 2) 230 (9.0) — SRT
Front Axle	236 (9.3) — standard suspension 246 (9.7) — air suspension (Off-Road 2) (227.8 (8.97) — SRT
Rear Axle	253 (10.0) — standard suspension 282 (11.1) — air suspension (Off-Road 2) 228.3 (8.99) — SRT



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Approach Angle (degrees)	26.2 — standard suspension
	36.1 — air suspension (Off-Road 2, air-dam off)
	29.8 (Off-Road II w/air dam on)
	18.45 — SRT
Ramp Breakover Angle (degrees)	19.0 — standard suspension
	22.8 — air suspension (Off-Road 2)
	25.7 with air suspension - Trailhawk
	17.84 — SRT
Departure Angle (degrees)	24.0 — standard suspension
	27.1 — air suspension (Off-Road 2)
	21.9 — SRT
Frontal Area sq. m. (sq. ft.)	2.88 (31.0)
	2.93 (31.5) — SRT
Drag Coefficient	0.371
	0.39 — SRT
Aero CdA	11.5 (Cd x cross-sectional area)
	12.2 (Cd x cross-sectional area) — SRT
Fuel Tank Capacity, litres (imp. gal.)	93. 1 (20.5)

#### ACCOMMODATIONS

Seating Capacity (front/rear)	2/3
SAE Total Interior Passenger Volume, litres (cu. ft.)	2984.5 (105.4)
Front	
Headroom	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)
EPA Front Volume Index, litres (cu. ft.)	1546.1 (54.6)
Rear	
Headroom	995 (39.2)
Legroom	981 (38.6)
Knee Clearance	110 (4.3)





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Shoulder Room	1,474 (58.0)
Hip Room	1,428 (56.2)
EPA Rear Seat Volume Index, litres (cu. ft.)	1438.4 (50.8)
Maximum Cargo Volume, litres (cu. ft.)	1934.0 (68.3)
Behind Second-row Seats, litres (cu. ft.)	1027.9 (36.3)
Total Passenger plus Cargo Volume, litres (cu. ft.)	3978.5 (140.5)

**WEIGHTS (Estimates)**

	MODEL	ENGINE	GVWR <sup>(a)</sup> kg (lbs.)	CURB WEIGHT <sup>(b)</sup> kg (lbs.)	PAYLOAD <sup>(c)</sup> kg (lbs.)
<b>4WD</b>	Laredo	3.6-litre	2,948 (6,500)	2,121 (4,677)	600 (1,320)
	Limited	3.6-litre	2,948 (6,500)	2,211 (4,875)	580 (1,270)
		5.7-litre	3,084 (6,800)	2,329 (5,135)	585 (1,290)
	Trailhawk	3.6-litre	2,948 (6,500)	2,209 (4,869)	540 (1,190)
		5.7-litre	3,084 (6,800)	2,238 (5,154)	540 (1,190)
	Overland	3.6-litre	2,948 (6,500)	2,261 (4,984)	520 (1,150)
		5.7-litre	3,084 (6,800)	2,381 (5,250)	520 (1,150)
		3.0-litre EcoDiesel	3,084 (6,800)	2,446 (5,393)	530 (1,170)
	Summit	3.6-litre	2,948 (6,500)	2,247 (4,952)	520 (1,150)
		5.7-litre	3,084 (6,800)	2,367 (5,192)	520 (1,150)
		3.0-litre EcoDiesel	3,084 (6,800)	2,437 (5,374)	520 (1,150)
	SRT	6.4-litre	2,948 (6,500)	2,315 (5,104)	612 (1,350)

(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 10 lbs. (5kg).



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**WEIGHT DISTRIBUTION, F/R**

	<b>MODEL</b>	<b>ENGINE</b>	<b>DISTRIBUTION</b>
<b>4WD</b>	Limited	3.6-litre	52/48
		5.7-litre	54/46
	Trailhawk	3.6-litre	52/48
		5.7-litre	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
	SRT	6.4-litre	55/45

**WHEELS**

Availability	Standard on Laredo
Type and Material	Painted machine cast-aluminum, five-spoke
Size (inches)	17 x 8
Availability	Available on Laredo, available on Overland
Type and Material	High-Gloss Silver aluminum
Size (inches)	18 x 8
Availability	Standard on Trailhawk
Type and Material	Polished machine cast-aluminum with low gloss painted pockets
Size (inches)	18x8
Availability	Standard on Limited
Type and Material	Premium polished aluminum with Technical Grey pockets
Size (inches)	18 x 8
Availability	Available on Limited
Type and Material	Satin Silver aluminum



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Size (inches)	20 x 8
Availability	Standard on Overland
Type and Material	Polished aluminum with Technical Grey pockets
Size (inches)	20 x 8
Availability	Standard on Summit
Type and Material	Full polished aluminum with Satin Clear Coat
Size (inches)	20 x 8
Availability	Optional on Summit with the Premium Plus Appearance Group
Type and Material	Satin Carbon aluminum
Size (inches)	20 x 8
Availability	Standard on SRT
Type and Material	Full polished with Satin Clear Coat
Size (inches)	20 x 10
Availability	Available on SRT
Type and Material	Matte Black split-spoke
Size (inches)	20 x 10
Availability	Available on SRT
Type and Material	Polished face and Satin Clear Coat with Low-Gloss Titanium pockets
Size (inches)	20 x 10

#### **TIRES**

Availability	Standard — Laredo
Size and Type	P245/70R17
Mfr. and Model	Goodyear Fortera HL Black Sidewall On/Off road
Revs per km (mile)	1,103 (685)
Availability	Standard — Limited; Optional — Laredo
Size and Type	265/60R18
Mfr. and Model	Michelin Premier LTX Black Sidewall All-Season
Revs per km (mile)	1,903 (679)



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Availability	Standard on Trailhawk
Size and Type	265/60R18
Mfr. And Model	Goodyear All-Terrain Adventure with Kevlar reinforcement
Revs per km (mile)	1,106 (687)
Availability	Standard — SRT
Size and Type	P295/45ZR20
Mfr. and Model	Pirelli Scorpion Verde — All-season Performance (run flat)
Revs per km (mile)	1,125 (699)
Availability	Optional — SRT
Size and Type	P295/45ZR20
Mfr. and Model	Pirelli P-Zero — Three-season (run flat)
Revs per km (mile)	1,125 (699)
Availability	Standard — Overland Optional - Laredo, Limited and Summit
Size and Type	265/50R20
Mfr. and Model	Bridgestone Ecopia H/L 422 Plus Black Sidewall All-Season
Revs per km (mile)	1,103 (685)
Availability	Standard on Summit Optional — Overland and Limited
Size and Type	265/50R20
Mfr. and Model	Pirelli Scorpion Verde Black Sidewall All-Season
Revs per km (mile)	1,105 (686)
Packaged with Off-road Adventure II (AWY)	Packaged with Off-road Adventure II (AWY)
Size and Type	265/60R18
Mfr. and Model	Goodyear Wrangler All-Terrain Adventure with Kevlar Black Sidewall
Revs per km (mile)	1,103 (685)
Parking Brake Type	Drum-in-hat
Four-wheel Anti-lock Brakes	Standard
Electronic stability control	Standard
All-speed traction control	Standard
Brake Assist	Standard



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**TRAILER TOWING**

	<b>Engine</b>	<b>Axle Ratio</b>	<b>Maximum Trailer Weight kg (lbs.)</b>
<b>4WD</b>	3.6-litre V6	3.45	2,818 (6,200)
	5.7-litre V8	3.09	3265 (7,200)
	3.0-litre EcoDiesel V6	3.45	3,300 (7,200)
	6.4-litre V8	3.70	3265 (7,200)

