



Jeep® Grand Cherokee SRT

CANADIAN SPECIFICATIONS

2014 Jeep® 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
Construction	Steel uniframe
Assembly Plant	Jefferson Avenue North Assembly Plant, Detroit, Mich. (U.S.A.)
EnerGuide Vehicle Class	Special-purpose vehicle
Introduction	Winter 2013 as a 2014 model

BODY/CHASSIS

Layout	Longitudinal front engine, transfer case with on demand four-wheel drive
Construction	Steel uniframe

ENGINE: 6.4-LITRE HEMI® V8 WITH FUEL SAVER TECHNOLOGY

Availability	Standard
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	470 hp at 6,000 rpm
Torque	465 lb.-ft. 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 qt.)
Coolant Capacity	13.25 litres (14 qt.)
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 active valves and dual 4-in. oval black chrome tips
EnerGuide Fuel Economy L/100km (mpg) City/Hwy	16.6(17)/10.7(26)
Assembly Plant	Saltillo (Mexico)

TRANSMISSION: 8HP70 EIGHT-SPEED AUTOMATIC

Availability	Standard with 6.4-litre HEMI® V8 engine
Description	Paddle shift driver interactive manual control and electronically modulated torque converter clutch; with Eco Mode
Gear Ratios	
1 st	4.70
2 nd	3.13
3 rd	2.10
4 th	1.67
5 th	1.28
6 th	1.00
7 th	0.84
8 th	0.67
Reverse	3.53
Final Drive Ratio	3.70:1 – Electronic Limited Slip Differential
Overall Top Gear	2.48

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

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

FRONT AXLES

Differential Type	Conventional
Availability	Standard with 6.4-litre HEMI® V8 engine
Ring Gear Diameter	195 (7.7)
Axle Ratio	3.70:1



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REAR AXLES

Differential Type	Electronic Limited-slip Differential (ELSD)
Availability	Standard with 6.4-litre HEMI® V8 engine
Ring Gear Diameter	230 (9)
Axle Ratio	3.70:1

ELECTRICAL SYSTEM

Alternator	Standard 220-amp
Battery	Group 65 maintenance-free 750CCA

SUSPENSION

Front	Short- and long-arm independent (SLA), coil springs, Bilstein adaptive damping suspension (ADS), upper- and lower-control arms ("A" arms), stabilizer bar
Rear	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, stabilizer bar

STEERING

Type	SRT-tuned power rack and pinion
Steering Ratio	17.5:1
Turn Circle	11.3 m (37.1 ft.)
Lock-to-Lock Steering Wheel Rotations	3.369

Turning diameter is measured at the outside of the tires at curb height. Turning diameters and steering wheel turns, lock-to-lock, may differ with optional tires and wheels.

BRAKES

Front	
Size and Type	380 x 34 (15.0 x 1.34) vented disc with Brembo six-piston caliper and ABS
Swept Area	672 sq. cm (104.2 sq. in.)
Rear	
Size and Type	350 x 28 (13.78 x 1.10) disc with Brembo four-piston caliper and single-channel ABS
Swept Area	508 sq. cm (79.0 sq. in.)
Power Assist	Single-rate, tandem diaphragm vacuum



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DIMENSIONS AND CAPACITIES mm (in.) unless otherwise noted

Wheelbase	2,915 (114.8)
Track, Front	1,618 (63.7)
Track, Rear	1,633 (64.3)
Overall Length	4,859 (191.3)
Overall Width (Width at Mirrors)	2,156 (84.9)
Body Width	1,958 (77.1)
Overall Height (at Roof Rail/at Antenna)	1,756 /1,952 (69.1/76.9)
Load Floor Height	823 (32.4)
Sill Step Height	527 (20.7)
Ground Clearance	
Minimum	210.8 (8.3)
Chassis (Fuel Tank)	230 (9)
Front Axle	227.8 (8.97)
Rear Axle	228.3 (8.99)
Approach Angle, Degrees	18.45
Ramp Breakover Angle, Degrees	17.84
Departure Angle, Degrees	21.9
Frontal Area	2.93 sq. m (31.5 sq. ft.)
Drag Coefficient	.39
Aero CdA	12.2 (Cd x cross-sectional area)
Fuel Tank Capacity	93.1 litres (24.6 gal.)

ACCOMMODATIONS mm (in.) unless otherwise noted

Seating Capacity, Front/Second	2/3
Front Seat	
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)
Volume	1,546 litres (54.6 cu. ft.)
Rear Seat	
Head Room	995 (39.2)
Legroom	981 (38.6)
Shoulder Room	1,474 (58.0)



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Hip Room	1,428 (56.2)
Knee Clearance	110 (4.3)
Couple	880 (34.6)
Volume	1,438 litres (50.8 cu. ft.)
Cargo Volume	
Behind Rear Seat	994 litres (35.1 cu. ft.)
Rear Seats Folded	1,945 litres (68.7 cu. ft.)

WEIGHTS

	MODEL	ENGINE	GVWR ^(a) kg (lb.)	CURB WEIGHT ^(b) kg (lb.)	PAYLOAD ^(c) kg (lb.)
4WD	SRT	6.4-litre HEMI® V8	2,948 (6,500)	2,336 (5,150)	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 5 kg (10 lb.).

WEIGHT DISTRIBUTION, F/R

4WD	54/46
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TIRES

Standard	
Size and Type	P295/45ZR20
Mfr. and Model	Pirelli Scorpion Verde – All-season Performance (run flat)
Revs per km (mile)	1,125 (699)
Optional	
Size and Type	P295/45ZR20
Mfr. and Model	Pirelli P-Zero – Three-season (run flat)
Revs per km (mile)	1,125 (699)

WHEELS (in.)

Standard	
Type and material	Forged aluminum, polished, five-spoke “Goliath”
Size	20 x 10
Optional	
Type and material	Forged aluminum, Satin Carbon, split five-spoke “Spider Monkey”
Size	20 x 10



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Optional

Type and material	Forged aluminum, Black Vapor Chrome, split five-spoke "Spider Monkey"
Size	20 x 10

TRAILER TOWING^(a)

	ENGINE	AXLE RATIO	MAXIMUM TRAILER WEIGHT ^(b) KG (LB.)
4WD	6.4-litre HEMI® V8	3.70	3,265 (7,200)

(a) For towing heavier trailers up to the Maximum Trailer Weight Ratings shown in the Trailer Towing chart, the vehicle must be equipped with the Trailer Tow Group Class IV for the 6.4-litre engine for North America.

(b) Maximum Trailer Weight = GCWR - Curb Wt. with hitch – 136 kg (300 lb.) (allowance for driver and passenger) and must be decreased by the weight of optional equipment, cargo and additional passengers. Maximum trailer weights shown are rounded to the nearest 50 lb. and kg equivalent. Tongue weight should be 10-15% of loaded trailer weight but may not cause vehicle to exceed GVWR or GAWR. Load equalizing hitch recommended for trailers over 907 kg (2,000 lb.).

