



CHRYSLER 300 SRT8

Canadian Specifications

2013 Chrysler 300 SRT8® CANADIAN SPECIFICATIONS

All dimensions are in millimetres (inches) unless otherwise noted.

All dimensions are measured at curb weight with standard wheels and tires unless otherwise noted.

NOTE: Information shown is correct at time of publication and is subject to change.

GENERAL INFORMATION

Body Style	Full-size
Assembly Plant	Brampton, Ontario
EnerGuide Vehicle Class	Full Size
Introduction Date	Summer 2011 as 2012 model

ENGINE: 6.4-LITRE HEMI® V8 WITH FUELSAVER MDS TECHNOLOGY

Availability	Standard
Type and Description	90-degree V-type, liquid-cooled
Displacement, cu. cm (cu. in.)	6,424 (392)
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 FuelSaver 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 bhp at 6,000 rpm
Torque	470 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, L (qt.)	6.6 (7)
Factory Oil Fill	0W-40 Full Synthetic
Coolant Capacity, L (qt.)	13.25 (14)
Emission Controls	Dual close-coupled three-way catalytic converters, quad-heated oxygen sensors and internal engine features
EnerGuide Fuel Economy L/100 km (mpg) - City/Hwy	15.0 (19) / 8.7 (32)
Assembly Plant	Saltillo, Mexico



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TRANSMISSION: W5A580 FIVE-SPEED AUTOMATIC

Availability	Standard
Description	Adaptive electronic control or driver-interactive manual control with Auto/Stick™ or paddle controls; with “Track” mode (features performance shifting and gear holding feature combined with “Sport” mode suspension damping rates)
Gear Ratios	
1 st	3.59
2 nd	2.19
3 rd	1.41
4 th	1.00
5 th	0.83
Reverse	3.16
Final Drive Ratio	3.06 – Getrag limited-slip differential
Overall Top Gear	2.54

ELECTRICAL SYSTEM

Alternator	220-amp
Battery	H7 case, 730 CCA, maintenance free

DIMENSIONS AND CAPACITIES^(a)

Wheelbase	3052 (120.2)
Track, Front	1611 (63.4)
Track, Rear	1604 (63.1)
Overall Length	5088 (200.33)
Overall Width	1886 (74.24)
Overall Height	1480 (58.26)
Frontal Area, L (cu. ft.)	2430 (26.2)
Ground Clearance (Minimum)	111 (4.37)–Front
Drag Coefficient (Cd)	0.334
Curb Weight, kg (lb.)	1980 (4365)
Weight Distribution, per cent F/R	54/46
Fuel Tank Capacity, L (gal.)	72.2 (15.8)

(a)All dimensions measured at curb weight with standard tires.

ACCOMMODATIONS

Seating Capacity, F/R	2/3
Front	
Head room	981 (38.6) 938 (36.9) with dual-pane sunroof
Legroom	1061 (41.8)
Shoulder room	1510 (59.5)
Hip room	1428 (56.2)
Seat travel	Driver — 270 (10.6) Passenger — 220 (8.66)



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Recliner angle range, deg.	Power — 70.7 Manual — 70
Front row interior volume, L (cu. ft.)	1573 (55.6)
Rear Seat	
Head room	963 (37.9) 937 (36.9) with dual-pane sunroof
Legroom	1019 (40.1)
Knee clearance	99 (3.9)
Shoulder room	1465 (57.7)
Hip room	142 (56.1)
Second row interior volume, L (cu. ft.)	1436 (50.7)
Total Interior Volume, L (cu. ft.)	3010 (106.3)
Luggage Compartment Volume, L (cu. ft.)	462 (16.3)
Interior Volume Index, L (cu. ft.)	3472 (122.6)
Trunk Lifterover Height	30 (768.9)

BODY

Layout	Longitudinal front engine, RWD
Construction	Unitized steel body and aluminum hood

EXHAUST

Type	Dual 70mm (2.75-in.) active exhaust with dual 102mm (4-in.) round tips
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SUSPENSION

Type	SRT tuned three-mode adaptive damping system: "Auto" mode = sporty but compliant ride; "Sport" mode = firm, maximum handling; "Track" mode = firm, maximum handling plus performance shifting and gear holding feature
Front	Independent SLA with high upper "A" arm, coil spring over ADS Bilstein shock absorber, 30 mm. stabilizer bar, lateral and diagonal lower links
Rear	Five-link independent with coil spring, ADS Bilstein shock absorber and isolated suspension cradle, link type 18 mm. stabilizer bar

STEERING

Type	SRT tuned rack and pinion with hydraulic power assist
Overall Ratio	14.4:1
Steering Turns (lock-to-lock)	2.75



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TIRES

Front and Rear	Standard on 300 SRT8
Size and type	245/45R20 All-season
Mfr. and model	Goodyear Eagle RS-A 2
Revs per km (mile)	456 (731)
Front and Rear	Optional on 300 SRT8
Size and type	245/45R20 Three-season
Mfr. and model	Goodyear F1 Supercar
Revs per km (mile)	450 (726)

WHEELS

Availability	Standard on 300 SRT8
Type and material	Fully forged aluminum
Size (in.)	20 x 9.0
Availability	Optional on 300 SRT8
Type and material	Fully forged aluminum with Black Vapour chrome finish
Size (in.)	20 x 9.0

BRAKES

Front	
Rotor size and type, in. (mm)	14.2 x 1.26 (360 x 32) vented and slotted
Caliper size and type	44 (1.73) Brembo four-piston fixed with aluminum housing
Swept area, sq. cm (sq. in.)	2261 (351)
Rear	
Rotor size and type, in. (mm)	13.8 x 1.10 (350 x 28) vented and slotted
Caliper size and type	32 (1.26) Brembo four-piston fixed with aluminum housing
Swept area, sq. cm (sq. in.)	2036 (316)

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