

# 2012 Chrysler 300 SRT8®

## CANADIAN SPECIFICATIONS

All dimensions are in millimetres (inches) unless otherwise noted. All dimensions are measured at curb weight with standard tires and wheels.

Note: Information shown is correct at time of publication, and is subject to change without notice.

### GENERAL INFORMATION

Body Style	Full-size
Assembly Plant	Brampton Assembly Plant, 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 (SAE J2723)	470 hp at 6,000 rpm
Torque (SAE J2723)	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, Litres (qt)	6.6 (7)
Factory Oil Fill	5W-40 Synthetic
Coolant Capacity, Litres 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 Engine Plant, Saltillo, Mexico

**TRANSMISSION: W5A580 FIVE-SPEED AUTOMATIC**

Availability	Standard
Description	Adaptive electronic control or Auto/Stick™ driver-interactive manual control and electronically modulated torque converter clutch
Gear Ratios	
1 <sup>st</sup>	3.59
2 <sup>nd</sup>	2.19
3 <sup>rd</sup>	1.41
4 <sup>th</sup>	1.00
5 <sup>th</sup>	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<sup>(a)</sup>**

Wheelbase	3,052 (120.2)
Track, Front	1,611 (63.4)
Track, Rear	1,604 (63.1)
Overall Length	5,088 (200.33)
Overall Width	1,886 ( 74.24)
Overall Height	1,480 (58.26)
Frontal Area	2,430 L (26.2 ft <sup>2</sup> )
Ground Clearance (Minimum)	111 (4.37)–Front
Drag Coefficient (Cd)	0.334
Curb Weight, kg (lb)	1,980 (4,365)
Weight Distribution, percent F/R	54/46
Fuel Tank Capacity, L (imp. 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	1,061 (41.8)
Shoulder room	1,510 (59.5)
Hip room	1,428 (56.2)
Seat travel	Driver — 270 (10.6) Passenger — 220 (8.66)
Recliner angle range, deg.	Power — 70.7 Manual — 70
Front row interior volume, L (cu. ft.)	1,573 (55.6)
Rear Seat	
Head room	963 (37.9) 937 (36.9) with dual-pane sunroof
Legroom	1,019 (40.1)
Knee clearance	99 (3.9)
Shoulder room	1,465 (57.7)
Hip room	142 (56.1)
EPA second row interior volume, L (cu. ft.)	1,436 (50.7)
Total Interior Volume, L (cu. ft.)	3,010 (106.3)
EPA Luggage Compartment Volume, L (cu. ft.)	462 (16.3)
EPA Interior Volume Index, L (cu. ft.)	3,472 (122.6)
Trunk Liftover 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 adaptive damping
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

**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	Full forged aluminum, (Optional black chrome finish)
Size	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.)	2,261 (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.)	2,036 (316)

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