

2016 Chrysler 300 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	E-segment sedan, rear-wheel drive (RWD), all-wheel drive (AWD)
Assembly Plant	Brampton, Ontario
EnerGuide Vehicle Class	Large car

BODY/CHASSIS

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

ENGINE: 3.6-LITRE PENTASTAR™ DOHC 24-VALVE V6

Availability	Standard — 300 Touring (RWD/AWD), 300S (RWD/AWD), 300C (RWD/AWD) and 300C Platinum (RWD/AWD)
Type and Description	60-degree V-type, liquid-cooled
Displacement	3,604 cu. cm (220 cu. in.)
Bore x Stroke	96.0 x 83.0 (3.78 x 3.27)
Valve System	Chain-driven DOHC, 24 valves, hydraulic end-pivot roller rockers
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Aluminum deep-skirt block with aluminum-alloy heads
Compression Ratio	10.2:1
Power	292 bhp @ 6,350 rpm (81.1 bhp/litre) 300 bhp @ 6,350 rpm (83.3 bhp/litre) – 300S only
Torque	260 lb.-ft. @ 4,800 rpm 264 lb.-ft. @ 4,800 rpm – 300S only
Max. Engine Speed	6,400 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2
Oil Capacity	5.7 litres (6 qt.) with dry filter with dry filter
Coolant Capacity	13.25 litres (14 qt.)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features
Max. Gross Trailer Weight (unbraked trailer)	454 kg (1,000 lb.)



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2015 EnerGuide Fuel Economy L/100 km (mpg) city/hwy	12.4 (23) / 7.7 (37) (RWD with 845RE eight-speed automatic transmission)
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	12.8 (22) / 8.6 (33) (AWD with 845RE eight-speed automatic transmission)
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Engine Assembly Plant	Saltillo (Mexico)
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ENGINE: 5.7-LITRE HEMI® V8 WITH FOUR-CYLINDER MODE FUEL SAVER TECHNOLOGY

Availability	Optional — 300S, 300C and 300C Platinum (RWD)
Type and Description	90-degree V-type, liquid-cooled with variable-cam timing (VCT)
Displacement	5,654 cc (345 cu. in.)
Bore x Stroke	99.5 x 90.9 (3.92 x 3.58)
Valve System	Pushrod-operated overhead valves, 16 valves, eight deactivating and eight conventional hydraulic lifters, all with roller followers
Fuel Injection	Sequential, multiport, 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	363 bhp @ 5,200 rpm (63.7 bhp/litre)
Torque	394 lb.-ft. @ 4,200 rpm
Max. Engine Speed	5,800 rpm (electronically limited)
Fuel Requirement	Unleaded midgrade, 89 octane (R+M)/2 — Recommended Unleaded regular, 87 octane (R+M)/2 — Acceptable
Oil Capacity	6.6 litres (7 qt.)
Coolant Capacity	13.9 litres (14.7 qt.)
Emission Controls	Dual close-coupled three-way catalytic converters, Quad heated oxygen sensors and internal engine features
Max. Gross Trailer Weight	454 kg (1,000 lb.)
2015 EnerGuide Fuel Economy L/100km (mpg) (city/hwy)	14.8 (19) / 9.3 (30) (RWD with 8HP70 eight-speed automatic transmission)

TRANSMISSION: 845RE TORQUEFLITE EIGHT-SPEED AUTOMATIC

Availability	Included with 3.6-litre Pentastar V6 engine on 300 Touring, 300S, 300C and 300C Platinum 300S and 300C Platinum include Sport mode and die-cast paddle shifters
Description	Adaptive electronic control, Sport mode or paddle-shifted driver-interactive manual control. Five-clutch pack design with only two open clutches in any gear. Off-centre line pump with low-viscosity oil for reduced spin loss. Torque converter lock with turbine torsional damper for low lock-up speeds in 1 st through 8 th gear



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Gear Ratios

1st	4.71
2nd	3.14
3rd	2.10
4th	1.67
5th	1.29
6th	1.00
7th	0.84
8th	0.67
Reverse	3.30
Final Drive Ratio	2.62 (RWD) 3.07 (AWD)
Overall Top Gear	1.75 (RWD) 2.05 (AWD)

TRANSMISSION: 8HP70 TORQUEFLITE AUTOMATIC EIGHT-SPEED WITH AUTO STICK

Availability	Optional on 300S, 300C, and 300C Platinum
Description	300S, 300C (with 5.7-litre HEMI V8 engine) and 300C Platinum models include Sport mode and die-cast paddle shifters
Gear Ratios	
1st	4.70
2nd	3.13
3rd	2.10
4th	1.67
5th	1.28
6th	1.00
7th	0.84
8th	0.67
Reverse	3.53
Final Drive Ratio	Electronic Limited Slip Differential 2.62
Overall Top Gear	1.75

TRANSFER CASE

Availability	Included on 300 Touring AWD, 300S AWD, 300C AWD and 300C Platinum AWD models
Type	Active, fully variable with front-axle disconnect
Centre Differential	Planetary
Torque Split, Front/Rear	Fully variable

ELECTRICAL SYSTEM

Alternator	160-amp — standard on 300 Touring
	180-amp — standard on 300S, 300C and 300C Platinum
Battery	H7 Case, 730 CCA, maintenance-free

SUSPENSION

Front	Independent SLA with high upper “A” arm, coil spring over gas-charged-monotube shock absorbers and stabilizer bar. Lateral and diagonal lower links with dual ball joint knuckles
	One piece lower-control arms — included with AWD
Rear	Five-link independent with coil springs, gas-charged monotube shock absorbers, stabilizer bar and isolated suspension cradle
Comfort-tuned Suspension	Standard on 300C (RWD)
Touring-tuned Suspension	Standard on 300 Touring and 300C Platinum (RWD)
	Available on 300C (RWD) with 20-in.wheels
AWD Touring-tuned Suspension	Standard on 300 Touring, 300S, 300C and 300C Platinum (AWD)
Sport-tuned Suspension	Included on 300S (RWD)
Performance-tuned Suspension	Optional on 300S (RWD)

STEERING

Type	Rack and pinion with hydraulic power assist
Overall Ratio	V6 (RWD) — 15.5:1
	V6 (AWD) — 16.5:1
	V8 (RWD) — 15.5:1
Steering Turns (lock-to-lock)	V6 (RWD) — 2.8
	V6 (AWD) — 3.1
	V8 (RWD) — 2.8



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BRAKES mm (in.) unless otherwise noted

Touring Brake Package	Standard on 300 Touring, 300S, 300C and 300C Platinum (RWD)
Front	
Rotor size and type	320 x 28 (12.6 x 1.1) vented
Caliper size and type	60 (2.36) single-piston sliding with aluminum housing
Swept area	1,358 sq. cm (210 sq. in.)
Rear	
Rotor size and type	320 x 10 (12.6 x 0.4) solid
Caliper size and type	42 (1.65) single-piston sliding with aluminum housing
Swept area	1,703 sq. cm (264 sq. in.)
Sport Brake Package	
	Standard on 300 Touring, 300S, 300C and 300C Platinum (AWD)
	Included with 5.7-litre HEMI V8 engine on 300S, 300C and 300C Platinum (RWD)
Front	
Rotor size and type	345 x 28 (13.6 x 1.26) vented
Caliper size and type	42 (1.65) dual-piston sliding with aluminum housing
Swept area	1,606 sq. cm (249 sq. in.)
Rear	
Rotor size and type	320 x 22 (12.6 x 0.87) vented
Caliper size and type	42 (1.65) single-piston sliding with aluminum housing
Swept area	1,703 sq. cm (264 sq. in.)

DIMENSIONS AND CAPACITIES^(a)

mm (in.) unless otherwise noted

Wheelbase	3,052 (120.2)
Track, Front	1,611 (63.4)
Track, Rear	1,620 (63.8)
Overall Length	5,044 (198.6)
Overall Width	1,902 (75.0)
Overall Height	300 (RWD with 17-in. wheels) — 1,484.4 (58.4)
	300 (RWD with 18-in. wheels) — 1,485.2 (58.5)
	300 (RWD with 20-in. wheels) — 1,492.0 (58.7)
	300 (AWD with 19-in. wheels) — 1,503.9 (59.2)



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Ground Clearance	300 (RWD with 17-in. wheels) — 120.3 (4.7)
	300 (RWD with 18-in. wheels) — 120.3 (4.7)
	300 (RWD with 20-in. wheels) — 127.9 (5.0)
	300 (AWD with 19-in. wheels) — 122.3 (4.8)
Drag Coefficient (Cd)	0.320
Curb Weight	V6 (RWD) — 1,810.7 kg (3,992 lb.)
	V6 (AWD) — 1,931.8 kg (4,259 lb.)
	V8 (RWD) — 1,980.4 kg (4,366 lb.)
Weight Distribution, per cent F/R	V6 (RWD) — 52/48
	V6 (AWD) — 53/47
	V8 (RWD) — 53/47
Fuel Tank Capacity, litre (imp. gal.)	70 (15.4)

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

ACCOMMODATIONS

mm (in.) unless otherwise noted

Seating Capacity, F/R	2/3
Front	
Headroom	981 (38.6)
	936.6 (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	1,574 litre (55.6 cu.ft.)
Rear Seat	
Headroom	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	1,425 (56.1)
Second row interior volume	1,436 litres (50.7 cu.ft.)
Total Interior Volume	3,010 litres (106.3 cu.ft.)



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Luggage Compartment Volume	462 litres (16.3 cu.ft.)
Interior Volume Index	3,472 litres (122.6 cu.ft.)
Trunk Liftover Height	768.9 (30.1)

TIRES

Availability	Standard on 300 Touring (RWD)
Size and type	P215/65R17 BSW All-season low rolling-resistance
Mfr. and model	Michelin Energy Saver
Revs per km (mile)	465 (748)

Availability	Standard on 300C (RWD) Optional on 300 Touring (RWD)
Size and type	P225/60R18 BSW All-season touring
Mfr. and model	Firestone FR710
Revs per km (mile)	456 (730)

Availability	Standard on 300S, 300C and 300C Platinum (AWD) Optional on 300 Touring (AWD)
Size and type	235/55R19 BSW All-season performance
Mfr. and model	Michelin MXM4
Revs per km (mile)	447 (719)

Availability	Standard on 300S and 300C Platinum (RWD) Optional on 300C (RWD)
Size and type	245/45R20 BSW All-season performance
Mfr. and model	Firestone Firehawk GTV
Revs per km (mile)	451 (725)

WHEELS (in.)

Availability	Standard on 300 Touring (RWD)
Type and material	17-in. cast-aluminum, Satin Silver painted
Size	17 x 7.0

Availability	Standard on 300C (RWD) Available on 300 Touring (RWD)
Type and material	18-in. cast-aluminum, polished face with Tech Silver painted pockets
Size	18 x 8.0



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Availability	Standard on 300 Touring and 300C (AWD)
Type and material	19-in. cast-aluminum, polished
Size	19 x 7.5
Availability	Standard on 300S (AWD)
Type and material	19-in. cast-aluminum, Hyper Black painted
Size	19 x 7.5
Availability	Standard on 300C Platinum (AWD)
Type and material	19-in. cast-aluminum, polished
Size	19 x 7.5
Availability	Standard on 300S (RWD)
Type and material	20-in. cast-aluminum, Hyper Black painted
Size	20 x 8.0
Availability	Optional on 300C
Type and material	20-in. cast-aluminum, polished
Size	20 x 8.0
Availability	Standard on 300C Platinum (RWD)
Type and material	20-in. cast-aluminum, polished
Size	20 x 8.0

