



300

CANADIAN SPECIFICATIONS

2013 Chrysler 300 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 sedan
Assembly Plant	Brampton, Ontario
EnerGuide Vehicle Class	Full Size
Introduction Date	2011 model

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

Availability	Standard — 300 Touring, 300S, 300C and 300C Luxury Series (RWD/AWD)
Type and Description	60-degree V-type, liquid-cooled
Displacement	3604 cu. cm (220 cu. in.)
Bore x Stroke	96.0 x 83.0 mm (3.78 x 3.27 in.)
Valve System	Chain-driven DOHC, 24 valves, hydraulic end-pivot roller rockers
Fuel Injection	Sequential, multi-port, electronic, returnless
Construction	Aluminum deep-skirt block with aluminum-alloy heads
Compression Ratio	10.2:1
Power	292 bhp @ 6,350 rpm 300 bhp @ 6,350 rpm – 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; and E-85
Oil Capacity	5.7L (6 qt.) with dry filter
Coolant Capacity	13.25L (14.0 qt.)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features
Max. Gross Trailer Weight (unbraked trailer)	454 kg (1000 lb.)
2012 EnerGuide Fuel Economy L/100 km (mpg) - City/Hwy	10.9 (26) / 6.4 (44)(RWD with ZF 8HP45 eight-speed automatic transmission) 11.4 (25) / 7.3 (39) (AWD with ZF 8HP45 eight-speed automatic transmission)
Engine Assembly Plant	Trenton, Michigan, U.S.A.



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ENGINE: 5.7-LITRE HEMI® VVT V8 WITH FUELSAVER MDS TECHNOLOGY

Availability	Optional — 300C, 300S and 300C Luxury Series (RWD/AWD)
Type and Description	90-degree V-type, liquid-cooled with variable-cam timing (VCT)
Displacement	5654 cu.cm (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, 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	363 bhp @ 5,200 rpm
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 L (qt.)	6.6 (7)
Coolant Capacity L (qt.)	13.9 (14.7)
Emission Controls	Dual close-coupled three-way catalytic converters, Quad heated oxygen sensors and internal engine features
Max. Gross Trailer Weight	454 kg (1000 lb.)
2012 EnerGuide Fuel Economy L/100 km (mpg) - City/Hwy	13.5 (21)/8.0 (35)(RWD) and 14.4(20)/8.5 (33) (AWD)

TRANSMISSION: ZF 8HP45 AUTOMATIC EIGHT-SPEED

Availability	Included with 3.6-litre Pentastar V6 engine on 300, Touring, 300S, 300C and 300C Luxury Series (RWD/AWD) 300S and 300C Luxury Series 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.
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

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Final Drive Ratio	2.65 (RWD)
	3.07 (AWD)
Overall Top Gear	1.78 (RWD)
	2.05 (AWD)

TRANSFER CASE

Availability	Standard on Chrysler 300 Touring, 300S, 300C and 300C Luxury Series with AWD
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, 300C Luxury Series
Battery	H7 Case, 730 CCA, maintenance-free

DIMENSIONS AND CAPACITIES^(a)

Wheelbase	3052 (120.2)
Track, Front	1611 (63.4)
Track, Rear	1620 (63.8)
Overall Length	5044 (198.6)
Overall Width	1902 (75.0)
Overall Height	300 (RWD with 17-in. tires) — 1484 (58.4)
	300 (RWD with 18-in. tires) — 1485(58.5)
	300 (RWD with 20-in. tires) — 1492 (58.7)
	300 (AWD with 19-in. tires) — 1504(59.2)
Ground Clearance	300 (RWD with 17-in. tires) — 120(4.7)
	300 (RWD with 18-in. tires) — 120(4.7)
	300 (RWD with 20-in. tires) — 128(5.0)
	300 (AWD with 19-in. tires) — 122(4.8)
Drag Coefficient (Cd)	0.320
Curb Weight, kg (lb.)	(RWD) — 4029 (1828)
	(AWD) — 4235 (1921)
	(RWD) — 4326 (1962)
	(AWD) — 4515 (2048)
Weight Distribution, percent F/R	(RWD) — 52/48
	(AWD) — 53/47
	(RWD) — 55/45
	(AWD) — 56/44
Fuel Tank Capacity, L (gal.)	72.2 (19.1)

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



ACCOMMODATIONS

Seating Capacity, F/R	2/3
Front	
Head room	981 (38.6) 936.6 (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)
Recliner angle range, deg.	Power — 70.7 Manual — 70
Front row interior volume, L (cu. ft.)	1574 (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	1425 (56.1)
second row interior volume, L (cu. ft.)	1436 (50.7)
Total Interior Volume, cu. ft. 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	768.9 (30.1)

BODY

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

STEERING

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

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TIRES

Availability	Standard on 300 Touring (RWD)
Size and type	P215/65R17 BSW all-season touring
Mfr. and model	Michelin Energy Saver
Revs per km (mile)	465 (748)
Availability	Standard on 300C (RWD)
Size and type	P225/60R18 BSW all-season performance
Mfr. and model	Firestone FR710
Revs per km (mile)	456 (730)
Availability	Standard on 300 Touring, 300S, 300C and 300C Luxury Series (AWD)
Size and type	P235/55R19 BSW all-season performance
Mfr. and model	Michelin MXM4
Revs per km (mile)	446 (710)
Availability	Standard on 300S and 300C Luxury Series (RWD) Optional on 300C (RWD)
Size and type	P245/45R20 BSW all-season performance
Mfr. and model	Firestone Firehawk GTV
Revs per km (mile)	451 (725)

WHEELS

Availability	Standard on 300 Touring (RWD)
Type and material	12-spoke design, Tech Silver Aluminum
Size	17 x 7.0
Availability	Standard on 300C (RWD)
Type and material	10-spoke design, Chrome-clad Aluminum
Size	18 x 7.5
Availability	Standard on 300 Touring, 300C and 300C Luxury Series (AWD)
Type and material	10 split-spoke design, Polished Aluminum
Size	19 x 7.5
Availability	Standard on 300S (AWD)
Type and material	10 split-spoke design, Polished aluminum with Black painted pockets
Size	19 x 7.5



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Availability	Optional on 300C (RWD) Standard on 300C Luxury Series (RWD)
Type and material	10 split-spoke design, Polished aluminum
Size	20 x 8.0

Availability	Standard on 300S (RWD)
Type and material	10 split-spoke design, Polished aluminum with black painted pockets
Size	20 x 8.0

BRAKES

Touring Brake Package	Standard on 300 Touring, 300S, 300C and 300C Luxury Series (RWD)
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Front

Rotor size and type in. (mm)	12.6 x 1.1 (320 x 28) vented
Caliper size and type	60 (2.36) single-piston sliding with aluminum housing
Swept area sq. cm. (sq. in.)	1,671 (259)

Rear

Rotor size and type in. (mm)	12.6 x 0.4 (320 x 10) solid
Caliper size and type	42 (1.65) single-piston sliding with aluminum housing
Swept area sq. cm (sq. in.)	1,703 (264)

Performance Brake Package

Standard on 300 Touring, 300S, 300C, 300C Luxury Series (AWD)
Included with 5.7-litre HEMI V8 engine on 300S, 300C and 300C Luxury Series (RWD)

Front

Rotor size and type in. (mm)	13.6 x 1.26 (345 x 28) vented
Caliper size and type	42 (1.65) dual-piston sliding with aluminum housing
Swept area sq. cm (sq. in.)	1606 (249)

Rear

Rotor size and type in. (mm)	12.6 x 0.87 (320 x 22) vented
Caliper size and type	42 (1.65) single-piston sliding with aluminum housing
Swept area sq. cm (sq. in.)	1703 (264)

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



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Comfort-tuned Suspension	Standard on 300 Touring and 300C (RWD)
Front	
Stabilizer bar	25 mm, solid
Shock type/rate	Monotube with 204 lb./in.
Rear	
Stabilizer bar	12 mm, solid
Shock type/rate	Monotube with 547 lb./in.
Touring-tuned Suspension	Standard on 300S (V6 RWD) and 300C Luxury Series Included on 300C (RWD) with 20-in. wheels
Front	
Stabilizer bar	27 mm, solid
Shock type/rate	Monotube with 240 lb./in.
Rear	
Stabilizer bar	16 mm, solid
Shock type/rate	Monotube with 547 lb./in.
AWD Touring-tuned Suspension	Standard on 300 Touring, 300S, 300C and 300C Luxury Series (AWD)
Front	
Stabilizer bar	32 mm, solid
Shock type/rate	Monotube with 340 lb./in.
Rear	
Stabilizer bar	16 mm, solid
Shock type/rate	Monotube with 600 lb./in.
Performance-tuned Suspension	Included on 300S with 5.7L HEMI V8 (RWD)
Front	
Stabilizer bar	27 mm, solid
Shock type/rate	Monotube with 340 lb./in.
Rear	
Stabilizer bar	16 mm, solid
Shock type/rate	Monotube with 670 lb./in.

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