

2016 Chrysler 300 SPECIFICATIONS

Specifications are based on the latest product information available at the time of publication.
All dimensions are in inches (millimeters) 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 Assembly Plant, Ontario, Canada
EPA Vehicle Class	Large car
Introduction Date	Third quarter 2015 as a 2016 model

BODY/CHASSIS

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

ENGINE: 3.6-LITER PENTASTAR DOHC 24-VALVE V-6

Availability	Standard — 300 Limited (RWD/AWD), 300S (RWD/AWD), 300C (RWD/AWD) and 300C Platinum (RWD/AWD)
Type and Description	60-degree V-type, liquid-cooled
Displacement	220 cu. in. (3,604 cc)
Bore x Stroke	3.78 x 3.27 (96.0 x 83.0)
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 (SAE net)	292 bhp (218 kW) @ 6,350 rpm (81.1 bhp/liter) 300 bhp (224 kW) @ 6,350 rpm (83.3 bhp/liter) – 300S only
Torque (SAE net)	260 lb.-ft. (353 N•m) @ 4,800 rpm 264 lb.-ft. (358 N•m) @ 4,800 rpm – 300S only
Max. Engine Speed	6,400 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2 (Federal Bin 5, 37 state compliant)
Oil Capacity	6 quarts (5.7 liters) with dry filter
Coolant Capacity	14 quarts (13.25 liters)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features ^(a)



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Max. Gross Trailer Weight (unbraked trailer)	1,000 lbs. (454 kg)
EPA Fuel Economy mpg (city/hwy)	19/31 (RWD with 845RE eight-speed automatic transmission) 18/27 (AWD with 845RE eight-speed automatic transmission)
Engine Assembly Plant	Saltillo Engine Plant, Mexico

(a) Meets Federal Tier 2 Bin 5 emission requirements and ULEV II requirements in California, Massachusetts, New York, Maine, Vermont, Connecticut, Pennsylvania, Rhode Island, New Jersey, Oregon and Washington.

ENGINE: 5.7-LITER HEMI® V-8 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	345 cu. in. (5654 cc)
Bore x Stroke	3.92 x 3.58 (99.5 x 90.9)
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 (SAE net)	363 bhp (270 kW) @ 5,200 rpm (63.7 bhp/liter)
Torque (SAE net)	394 lb.-ft. (534 N•m) @ 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	7 quarts (6.6 liters)
Coolant Capacity	14.7 quarts (13.9 liters)
Emission Controls	Dual close-coupled three-way catalytic converters, Quad heated oxygen sensors and internal engine features ^(b)
Max. Gross Trailer Weight	1,000 lbs. (454 kg)
EPA Fuel Economy mpg (city/hwy)	16 / 25

(b) Meets Tier 2 Bin 4 emission requirements in all 50 states.

TRANSMISSION: 845RE TORQUEFLITE EIGHT-SPEED AUTOMATIC

Availability	Included with 3.6-liter Pentastar V-6 engine on 300 Limited, 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-center 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-liter HEMI V-8 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



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TRANSFER CASE

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

ELECTRICAL SYSTEM

Alternator	160-amp — standard on 300 Limited 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 Limited and 300C Platinum (RWD) Available on 300C (RWD) with 20-in.wheels
AWD Touring-tuned Suspension	Standard on 300 Limited, 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	V-6 (RWD) — 15.5:1 V-6 (AWD) — 16.5:1 V-8 (RWD) — 15.5:1
Steering Turns (lock-to-lock)	V-6 (RWD) — 2.8 V-6 (AWD) — 3.1 V-8 (RWD) — 2.8



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BRAKES

Touring Brake Package	Standard on 300 Limited, 300S, 300C and 300C Platinum (RWD)
Front	
Rotor size and type	12.6 x 1.1 (320 x 28) vented
Caliper size and type	2.36 (60) single-piston sliding with aluminum housing
Swept area	210 sq. in. (1,358 sq. cm)
Rear	
Rotor size and type	12.6 x 0.4 (320 x 10) solid
Caliper size and type	1.65 (42) single-piston sliding with aluminum housing
Swept area	264 sq. in. (1,703 sq. cm)
Sport Brake Package	Standard on 300 Limited, 300S, 300C and 300C Platinum (AWD) Included with 5.7-liter HEMI V-8 engine on 300S, 300C and 300C Platinum (RWD)
Front	
Rotor size and type	13.6 x 1.26 (345 x 28) vented
Caliper size and type	1.65 (42) dual-piston sliding with aluminum housing
Swept area	249 sq. in. (1,606 sq. cm)
Rear	
Rotor size and type	12.6 x 0.87 (320 x 22) vented
Caliper size and type	1.65 (42) single-piston sliding with aluminum housing
Swept area	264 sq. in. (1,703 sq. cm)

DIMENSIONS AND CAPACITIES^(c)

Wheelbase	120.2 (3,052)
Track, Front	63.4 (1,611)
Track, Rear	63.8 (1,620)
Overall Length	198.6 (5,044)
Overall Width	75.0 (1,902)
Overall Height	300 (RWD with 17-in. tires) — 58.4 (1,484.4) 300 (RWD with 18-in. tires) — 58.5 (1,485.2) 300 (RWD with 20-in. tires) — 58.7 (1,492.0) 300 (AWD with 19-in. tires) — 59.2 (1,503.9)
Ground Clearance	300 (RWD with 17-in. tires) — 4.7 (120.3) 300 (RWD with 18-in. tires) — 4.7 (120.3) 300 (RWD with 20-in. tires) — 5.0 (127.9) 300 (AWD with 19-in. tires) — 4.8 (122.3)
Drag Coefficient (Cd)	0.320
Curb Weight, lb. (kg)	V-6 (RWD) — 3,992 (1810.7) V-6 (AWD) — 4,259 (1,931.8) V-8 (RWD) — 4,366 (1,980.4)



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Weight Distribution, percent F/R	V-6 (RWD) — 52/48
	V-6 (AWD) — 53/47
	V-8 (RWD) — 53/47
Fuel Tank Capacity, gal. (liter)	18.5 (70)

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

ACCOMMODATIONS

Seating Capacity, F/R	2/3
Front	
Headroom	38.6 (981)
	36.9 (936.6) with dual-pane sunroof
Legroom	41.8 (1,061)
Shoulder room	59.5 (1,510)
Hip room	56.2 (1,428)
Seat travel	Driver — 10.6 (270)
	Passenger — 8.66 (220)
Recliner angle range, deg.	Power — 70.7
	Manual — 70
EPA front row interior volume, cu. ft. (cu. m)	55.6 (1.573)
Rear Seat	
Headroom	37.9 (963)
	36.9 (937) with dual-pane sunroof
Legroom	40.1 (1,019)
Knee clearance	3.9 (99)
Shoulder room	57.7 (1,465)
Hip room	56.1 (1,425)
EPA second row interior volume, cu. ft. (cu. m)	50.7 (1.4)
Total Interior Volume, cu. ft. (cu. m)	106.3 (3.0)
EPA Luggage Compartment Volume, cu. ft. (cu. m)	16.3 (0.5)
EPA Interior Volume Index, cu. ft. (cu. m)	122.6 (3.5)
Trunk Liftover Height	30.1 (768.9)

TIRES

Availability	Standard on 300 Limited (RWD)
Size and type	P215/65R17 BSW All-season touring
Mfr. and model	Michelin Energy Saver
Revs per mile (km)	748 (465)
Availability	Standard on 300C (RWD)
Size and type	P225/60R18 BSW All-season performance



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Mfr. and model	Firestone FR710
Revs per mile (km)	730 (456)
Availability	Standard on 300 Limited, 300S, 300C and 300C Platinum (AWD)
Size and type	P235/55R19 BSW All-season performance
Mfr. and model	Michelin MXM4
Revs per mile (km)	719 (447)
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 mile (km)	725 (451)
WHEELS	
Availability	Standard on 300 Limited (RWD)
Type and material	17-in. cast-aluminum, Satin Silver painted
Size	17 x 7.0
Availability	Standard on 300C (RWD)
Type and material	18-in. cast-aluminum, polished face with Tech Silver painted pockets
Size	18 x 8.0
Availability	Standard on 300 Limited, 300C and 300C Platinum (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	Optional 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



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Availability	Standard on 300C Platinum (RWD) Optional on 300C
Type and material	20-in. cast-aluminum, polished
Size	20 x 8.0
Availability	Optional on 300C Platinum (RWD)
Type and material	20-in. cast-aluminum, polished
Size	20 x 8.0

