



Chrysler 300 SRT

SPECIFICATIONS

2014 Chrysler 300 SRT 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	Full-size
Assembly Plant	Brampton Assembly Plant, Ontario
EnerGuide Vehicle Class	Large car
Introduction Date	Summer 2013 as 2014 model

BODY/CHASSIS

Layout	Longitudinal front engine, rear-wheel-drive (RWD)
Construction	Unitized steel body and aluminum hood

ENGINE: 6.4-LITRE HEMI® V8 WITH FUEL SAVER TECHNOLOGY

Availability	Standard
Type and Description	90-degree V-type, liquid-cooled
Displacement	6,417 cu. cm (392 cu. in.)
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 Fuel Saver 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 hp 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	6.6 litres (7 qt.)
Factory Oil Fill	0W-40 Pennzoil Ultra synthetic
Coolant Capacity	13.25 litres (14 qt.)



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Emission Controls	Dual close-coupled three-way catalytic converters, quad-heated oxygen sensors and internal engine features
Exhaust Type	Dual 2.75-in. active exhaust with dual 4-in. round tips
EnerGuide Fuel Economy L/100 km (mpg) City/Hwy	15.0 (19) / 8.7 (32)
Assembly Plant	Saltillo (Mexico)

TRANSMISSION: W5A580 FIVE-SPEED AUTOMATIC

Availability	Standard
Description	Adaptive electronic control or driver-interactive manual control with Auto/Stick or paddle controls; "Track" mode (features performance shifting and gear holding feature combined with "Sport" mode suspension damping rates)
Gear Ratios	
1st	3.59
2nd	2.19
3rd	1.41
4th	1.00
5th	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

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



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STEERING

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

DIMENSIONS AND CAPACITIES^(a) mm (in.) unless otherwise noted

Wheelbase	3,053 (120.2)
Track, Front	1,610 (63.4)
Track, Rear	1,603 (63.1)
Overall Length	5,088 (200.33)
Overall Width	1,886 (74.24)
Overall Height	1,480 (58.26)
Frontal Area	2.5 m ² (6.2 ft. ²)
Ground Clearance (Minimum)	111 (4.37) — front
Drag Coefficient (Cd)	0.334
Curb Weight	1,979 kg (4,365 lb.)
Weight Distribution, per cent Front/Rear	54/46
Fuel Tank Capacity	73.4 litres (16.1 gal.)

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

ACCOMMODATIONS mm (in.) unless otherwise noted

Seating Capacity, F/R	2/3
Front	
Head room	980 (38.6) 937 (36.9) with dual-pane sunroof
Legroom	1,062 (41.8)
Shoulder room	1,511 (59.5)
Hip room	1,428 (56.2)
Seat travel	Driver — 269 (10.6) Passenger — 220 (8.66)
Recliner angle range, deg.	Power — 70.7 Manual — 70
Front row interior volume	1,574.3 litres (55.6 cu. ft.)



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Rear Seat

Head room	963 (37.9) 937 (36.9) with dual-pane sunroof
Legroom	1,018 (40.1)
Knee clearance	99 (3.9)
Shoulder room	1,465 (57.7)
Hip room	1,425 (56.1)
Second row interior volume	1,435.7 litres (50.7 cu. ft.)
Total Interior Volume	3,010.1 litres (106.3 cu.ft.)
Luggage Compartment Volume	461.6 litres (16.3 cu. ft.)
Interior Volume Index	3,471.6 litres (122.6 cu. ft.)
Trunk Liftover Height	768.9 (30.1)

TIRES

Front and Rear	Standard on 300 SRT
Size and type	245/45ZR20 All-season
Mfr. and model	Goodyear Eagle RS-A 2
Revs per km (mile)	456 (731)
Front and Rear	Optional on 300 SRT
Size and type	245/45ZR20 Three-season
Mfr. and model	Goodyear F1 Supercar
Revs per km (mile)	450 (726)

WHEELS (in.)

Availability	Standard on 300 SRT
Type and material	Fully forged aluminum
Size	20 x 9.0
Availability	Optional on 300 SRT
Type and material	Fully forged aluminum with Black Vapour chrome finish
Size	20 x 9.0



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BRAKES

Front

Rotor size and type	360 x 32 (14.2 x 1.26) vented and slotted
Caliper size and type	44 (1.73) Brembo four-piston fixed with aluminum housing
Swept area	2,261 sq. cm (351 sq. in.)

Rear

Rotor size and type	350 x 28 (13.8 x 1.10) vented and slotted
Caliper size and type	32 (1.26) Brembo four-piston fixed with aluminum housing
Swept area	2,036 sq. cm (316 sq. in.)

