



# CHRYSLER 300 SRT8

Specifications

## 2013 Chrysler 300 SRT8 SPECIFICATIONS

All dimensions are in inches (millimeters) 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

Vehicle Type	E-segment sedan
Assembly Plant	Brampton Assembly Plant, Ontario, Canada
EPA Vehicle Class	Large car
Introduction Date	Summer 2012 as 2013 model

### BODY/CHASSIS

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

### ENGINE: 6.4-LITER HEMI® V-8 WITH FUEL SAVER TECHNOLOGY

Availability	Standard
Type and Description	90-degree V-type, liquid-cooled
Displacement, cu. in. (cu. cm.)	392 (6,417)
Bore x Stroke	4.09 x 3.72 (103.9 x 94.5)
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 (SAE J2723)	470 hp (351 kW) at 6,000 rpm
Torque (SAE J2723)	470 lb.-ft. (637 N•m) at 4,300 rpm
Max. Engine Speed	6,400 rpm (electronically limited)
Exhaust Type	Dual 2.75-in. active exhaust with dual 4-in. round tips
Fuel Requirement	Premium 91 octane (R+M)/2 — recommended
Oil Capacity, qt. (L)	7 (6.6)
Factory Oil Fill	0W-40 Pennzoil Ultra synthetic
Coolant Capacity, qt. (L)	14 (13.25)
Emission Controls	Dual close-coupled three-way catalytic converters, quad-heated oxygen sensors and internal engine features(a)
EPA Fuel Economy mpg (city/hwy)	14/23
Assembly Plant	Saltillo Engine Plant, Saltillo, 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.



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## TRANSMISSION: W5A580 FIVE-SPEED AUTOMATIC

Availability	Standard
Description	Adaptive electronic control or driver-interactive manual control with Auto Stick or paddle controls; with "Track" mode (features performance shifting and gear holding feature combined with "Sport" mode suspension damping rates)
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

## 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

## STEERING

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

## BRAKES

Front	
Rotor size and type	14.2 x 1.26 (360 x 32) vented and slotted
Caliper size and type	1.73 (44) Brembo four-piston fixed with aluminum housing
Swept area, sq. in. (sq. cm.)	351 (2,261)
Rear	
Rotor size and type	13.8 x 1.10 (350 x 28) vented and slotted
Caliper size and type	1.26 (32) Brembo four-piston fixed with aluminum housing
Swept area, sq. in. (sq. cm.)	316 (2,036)



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## DIMENSIONS AND CAPACITIES<sup>(b)</sup>

Wheelbase	120.2 (3,052)
Track, Front	63.4 (1,610.93)
Track, Rear	63.1 (1,604)
Overall Length	200.33 (5,088.4)
Overall Width	74.24 (1,885.8)
Overall Height	58.26 (1,479.76)
Frontal Area	26.2 ft. <sup>2</sup>
Ground Clearance (Minimum)	4.37 (111.2) – front
Drag Coefficient (Cd)	0.334
Curb Weight, lb. (kg)	4,365 (1,979.7)
Weight Distribution, percent F/R	54/46
Fuel Tank Capacity, gal. (L)	19.1 (72.2)

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

## ACCOMMODATIONS

Seating Capacity, F/R	2/3
Front	
Head room	38.6 (981) 36.9 (938.4) 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	
Head room	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 (142)
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)



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## 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 mile, (km)	731 (456)
Front and Rear	Optional on 300 SRT8
Size and type	245/45R20 Three-season
Mfr. and model	Goodyear F1 Supercar
Revs per mile, (km)	726 (450)

## WHEELS

Availability	Standard on 300 SRT8
Type and material	Fully forged aluminum
Size	20 x 9.0
Availability	Optional on 300 SRT8
Type and material	Fully forged aluminum with Black Vapor chrome finish
Size	20 x 9.0

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