# 2022 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 2015 as a 2015 model

### BODY/CHASSIS

Layout Longitudinal front engine, RWD or AWD

Construction Unitized steel body and aluminum hood

### ENGINE: 3.6-LITER PENTASTAR V-6

Availability Standard — 300 Touring (RWD/AWD), 300 Touring L (RWD/AWD), 300S (RWD)

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

300 bhp (224 kW) @ 6,350 rpm — 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

Oil Capacity 6 quarts (5.7 liters)

Coolant Capacity 14 quarts (13.25 liters)

Emission Controls Dual three-way catalytic converters, heated oxygen sensors and internal engine features

### ENGINE: 3.6-LITER PENTASTAR V-6 (CONTINUED)

Max. Gross Trailer Weight (unbraked trailer) 1,000 lbs. (454 kg)

EPA Fuel Economy mpg (city/hwy) TBD (RWD); TBD (AWD)

Engine Assembly Plant Trenton South Engine Plant, Trenton, Michigan

### ENGINE: 5.7-LITER HEMI® V-8 WITH FUEL SAVER TECHNOLOGY

Availability Optional — 300S RWD

Type and Description 90-degree V-type, liquid-cooled with variable-cam timing (VCT)

Displacement 345 cu. in. (5,654 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

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

Max. Gross Trailer Weight 1,000 lbs. (454 kg)

EPA Fuel Economy mpg (city/hwy/combined) TBD

### TRANSMISSION: TORQUEFLITE 8HP50 EIGHT-SPEED AUTOMATIC

Availability Standard with 3.6-liter Pentastar V-6 engine, RWD

Description Adaptive electronic control and available paddle-shifted driver-interactive manual control (Sport mode on 300S only). 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 first through eighth gear

### TRANSMISSION: TORQUEFLITE 8HP50 EIGHT-SPEED AUTOMATIC (CONTINUED)

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

Overall Top Gear 1.76

### TRANSMISSION: 850RE TORQUEFLITE EIGHT-SPEED AUTOMATIC

Availability Standard with 3.6-liter Pentastar V-6 engine, AWD

Description Adaptive electronic control and available paddle-shifted driver-interactive manual control (Sport mode on 300S only). 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 first through eighth 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

Final Drive Ratio 3.07

Overall Top Gear 2.05

### TRANSMISSION: TORQUEFLITE 8HP70 EIGHT-SPEED AUTOMATIC (CONTINUED)

Availability Standard with 5.7-liter engine

Description Adaptive electronic control, configurable drive modes and 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 first through eighth gear

### TRANSMISSION: TORQUEFLITE 8HP70 EIGHT-SPEED AUTOMATIC

Gear Ratios

1st 4.71

2nd 3.14

3rd 2.11

4th 1.67

5th 1.29

6th 1.00

7th 0.84

8th 0.67

Reverse 3.32

Final Drive Ratio TBD

Overall Top Gear 1.75

### TRANSFER CASE

Availability Standard — 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 Touring and 300 Touring L

180-amp — standard on 300S

Battery H7 Case, 730 CCA, maintenance-free

### STEERING

Type Electric power steering (EPS) with multi-mode assist

Overall Ratio 15.5:1 — V-6 (RWD)

16.5:1 — V-6 (AWD)

15.5:1 — V-8 (RWD)

Turn Circle (curb-to-curb) 37.4 ft.

Steering Turns (lock-to-lock) 2.8 — V-6 (RWD)

3.1 — V-6 (AWD)

2.8 — V-8 (RWD)

### SUSPENSION

Front Independent SLA with high upper “A” arm

Lateral and diagonal lower links (RWD models), one-piece lower-control arms (AWD models)

Coil spring over gas-charged monotube shock absorbers

32 mm hollow stabilizer bar

Rear Five-link independent with coil springs

Link-type 19 mm hollow stabilizer bar and isolated suspension cradle

Gas-charged monotube shock absorbers

Isolated suspension cradle

Touring-tuned Suspension Standard on 300 Touring, 300 Touring L

Performance-tuned Suspension Standard on 300S

AWD Touring-tuned Suspension Standard on 300 Touring AWD and 300 Touring L AWD

### DIMENSIONS AND CAPACITIES

Wheelbase 120 (3,048)

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 58.5 (1,485) — 300 (RWD with 18-in. tires)

58.7 (1,492) — 300 (RWD with 20-in. tires)

59.2 (1,503) — 300 (AWD with 19-in. tires)

Frontal Area, sq. ft. (sq. m) 26 (660)

26.1 (663) — AWD

### DIMENSIONS AND CAPACITIES (continued)

Ground Clearance 4.7 (120) — 300 (RWD with 18-in. tires)

5.0 (127) — 300 (RWD with 20-in. tires)

4.8 (122) — 300 (AWD with 19-in. tires)

Drag Coefficient (Cd) 0.320

Curb Weight, lb. (kg) 4,013 (1,820) — V-6 (RWD)

4,267 (1,935) — V-6 (AWD)

4,380 (1,987) — V-8 (RWD)

Weight Distribution, percent F/R 52/48 — V-6 (RWD)

53/47— V-6 (AWD)

53/47— V-8 (RWD)

Fuel Tank Capacity, gallons (liters) 18.5 (70.0)

### ACCOMMODATIONS

Seating Capacity, front/rear 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 — 70.0

EPA front row interior volume, cu. ft. (cu. m) 55.6 (1.57)

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 (1.44)

Total interior volume, cu. ft. (cu. m) 106.3 (3.01)

### ACCOMMODATIONS (continued)

EPA Luggage Compartment Volume, cu. ft. (cu. m) 16.3 (0.46)

EPA Interior Volume Index, cu. ft. (cu. m) 122.6 (3.47)

Trunk Liftover Height 30.1 (769)

### TIRES

Availability Standard on 300 Touring

Size and type P215/65R17 Low-rolling resistance

Mfr. and model Michelin Energy Saver

Revs per mile (km) 745 (463)

Availability Standard on 300 Touring AWD and 300 Touring L AWD

Size and type 235/55R19 BSW All-season performance

Mfr. and model Michelin Primacy MXM4

Revs per mile (km) 715 (444)

Availability Optional on 300 Touring AWD and 300 Touring L AWD

Size and type 235/55R19 BSW All-season performance

Mfr. and model Pirelli P Zero

Revs per mile (km) 711 (442)

Availability Standard on 300S; Optional on 300 Touring and 300 Touring L (included with Sport Appearance and Chrome Appearance)

Size and type 245/45R20 BSW All-season performance

Mfr. and model Firestone Firehawk GTV

Revs per mile (km) 726 (449)

### WHEELS

Availability Standard on 300 Touring

Type and material Fine Silver

Size 17 x 7 in.

Availability Optional on 300 Touring AWD and standard on 300 Touring L AWD   
(included with AWD and Sport Appearance)

Type and material Black Noise

Size 19 x 7.5 in.

Availability Standard on 300 Touring AWD

Type and material Polished aluminum

Size 19 x 7.5 in.

### WHEELS (CONTINUED)

Availability Standard on 300S and 300 Touring L; Optional on 300 Touring (included with Sport Appearance)

Type and material Black Noise

Size 20 x 8.0 in.

### BRAKES

Touring Brake Package Standard on 300 Touring, 300 Touring L and 300S

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)

Performance Brake Package Standard on 300S

Included with 5.7-liter HEMI V-8 engines and AWD

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)

Four-wheel Antilock Brake System (ABS) and   
Traction Control Standard

Electronic Stability Control (ESC) and Brake Assist Standard

Brake Knockback Mitigation Standard

Hill-start Assist (HSA) Standard

Three-mode (Normal, Sport, Off) ESC/Traction   
Control Mode Selection Standard on 300S

Power-assist Type 8 + 9 (203 + 209) tandem-diaphragm vacuum booster

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