



Body Style: Four-door sedan
Layout: Longitudinal front engine, RWD
Seat Layout: 2/3
EPA Vehicle Class: Large car
Assembly: Brampton, Ontario, Canada

2010 CHRYSLER 300C SRT8®: ELEGANT DESIGN WITH WORLD-CLASS PERFORMANCE

The “face of Chrysler” continues to deliver outstanding performance to match the elegant design on this award-winning sedan.

Benchmark performance, premium amenities and race-inspired styling—all at an attractive price—make the 2010 Chrysler 300C SRT8® unique in the marketplace. Powered by the Street and Racing Technology-engineered 425-horsepower (317 kW) 6.1-liter HEMI® V-8, the 2010 Chrysler 300C SRT8 boasts performance-tuned world-class ride and handling, benchmark braking performance and premium interior appointments.

SRT performance figures include: 0-60 mph in the low 5-second range, 0-100-0 mph in less than 17 seconds and 0.89g on the skid pad. The Chrysler 300C SRT8 is an iconic, award-winning sedan loaded with comfort and style. Interior appointments include the SRT-exclusive Electronic Vehicle Information Center (EVIC) with Performance Pages.

Chassis setup for the Chrysler 300C SRT8 is aimed at all-around performance, including SRT-tuned dampers, specially tailored spring rates and suspension bushings and large-diameter anti-sway bars. Front- and rear-suspension knuckles contribute to a ride height that’s lowered .5 inch from the Chrysler 300C. The Electronic Stability Control (ESC) has been SRT-tuned, resulting in the system sensing lateral acceleration that effectively primes the system in anticipation of the next brake application.

Benchmark braking performance results from a four-wheel disc-brake system featuring performance calipers developed by Brembo, each equipped with four pistons for even clamping. The Chrysler 300C SRT8 has 360 mm x 32 mm vented rotors up front and 350 mm x 28 mm vented rotors in the rear. The result is 60-0 mph braking performance of approximately 110 feet. The SRT-exclusive braking system includes brake-knockback mitigation software for even better track response.

Exterior styling combines sophisticated, premium elegance with functional performance enhancements. Front and rear fascias include unmistakable SRT cues such as air ducting for brake cooling, as well as the specially designed rear deck-lid spoiler, which increases rear downforce without increasing drag. Other touches include body-color front and rear bumper inserts, body-color mirrors and door handles and unique SRT badging.

SAFETY AND SECURITY

More than 30 safety and security features include:

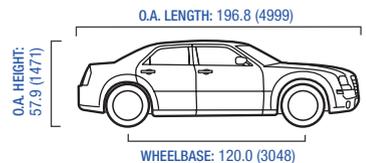
- Advanced Multi-stage Air Bag System
- All-speed Traction Control System
- Electronic Stability Control (ESC)
- Interior Head-impact Protection
- LATCH (Lower Anchors and Tethers for CHildren)
- ParkSense® rear-park assist system
- Power-adjustable Pedals
- Sentry Key® Engine Immobilizer
- Side-impact Door Beams

FUEL ECONOMY (city/hwy)

6.1L HEMI® V-8
 13/19



DIMENSIONS, IN. (MM)



O.A. Width: 74.1 (1881) **Curb Wt. lb.(kg) – Est.:** 4,160 (1888)
Track, Front: 63.0 (1600)
Track, Rear: 63.1 (1603)

MODEL / POWERTRAIN

| MODEL | ENGINE | TRANSMISSION |
|------------|----------------|----------------------------|
| | 6.1L HEMI® V-8 | 5-SPEED AUTO W/ AUTO STICK |
| 300C SRT8® | S | S |

2010 CHRYSLER 300C SRT8® AT A GLANCE

- Chrysler 300C SRT8 offers the ultimate in American sedan performance and continues the legendary momentum of Chrysler 300C and HEMI
- Powered by a 6.1-liter HEMI V-8 producing 425 horsepower (317 kW) and 420 lb.-ft. (569 N•m) of torque, the Chrysler 300C SRT8's powertrain and performance-tuned ride and handling offer a world-class performance sedan experience
- Renowned SRT performance includes 0-60 mph in the low 5-second range, 0-100-0 mph in less than 17 seconds and 0.89g on the skid pad
- SRT formula infuses the Chrysler 300C SRT8 with sophisticated ride-and-handling characteristics suitable for conditions ranging from everyday traffic to spirited driving on challenging routes
- Chrysler 300C SRT8 is part of a broad lineup of Street and Racing Technology vehicles developed under the credo "Race inspired, street legal"

2010 CHRYSLER 300C SRT8® SPECIFICATIONS

Dimensions are in inches (millimeters) unless otherwise noted.

GENERAL INFORMATION

| | |
|-------------------|---------------------------|
| Body Style | Four-door sedan |
| Assembly Plant | Brampton, Ontario, Canada |
| EPA Vehicle Class | Large car |
| Introduction Date | April 2005 as 2006 model |

ENGINE: 6.1-LITER HEMI® V-8

| | |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Availability | Standard |
| Type and Description | 90-degree V-type, liquid-cooled |
| Displacement | 370 cu. in. (6059 cu. cm) |
| Bore x Stroke | 4.06 x 3.58 (103.0 x 90.9) |
| Valve System | Pushrod-operated overhead valves, 16 valves, 16 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 | 10.3:1 |
| Power (estimated SAE net) | 425 bhp (317 kW) @ 6,000 rpm (69.8 bhp/L) |
| Torque (estimated SAE net) | 420 lb.-ft. (569 N•m) @ 4,800 rpm |
| Max. Engine Speed | 6,400 rpm (electronically limited) |
| Fuel Requirement | Premium 91 octane (R+M)/2—recommended |
| Oil Capacity | 7 qt. (6.6L) |
| Factory Oil Fill | SAE 5W-40 Synthetic |
| Coolant Capacity | 14 qt. (13.25L) |
| Emission Controls | Dual close-coupled three-way catalytic converters, quad-heated oxygen sensors and internal engine features |
| Max. Gross Trailer Weight | Not rated for trailer tow |
| EPA Fuel Economy mpg (City/Hwy) | 13/19 |

TRANSMISSION: W5A580 FIVE-SPEED AUTOMATIC

| | |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Availability | Standard |
| Description | Adaptive electronic control, performance-tuned Auto Stick driver-interactive manual control and electronically modulated torque converter clutch |
| Gear Ratios | |
| 1st | 3.59 |
| 2nd | 2.19 |
| 3rd | 1.41 |
| 4th | 1 |
| 5th | 0.83 |
| Reverse | 3.17 |
| Final-drive Ratio | 3.06 |
| Overall Top-gear Ratio | 2.54 |

ELECTRICAL SYSTEM

| | |
|------------|------------------------------------|
| Alternator | 160-amp |
| Battery | H7 Case, 730 CCA, maintenance-free |

2010 CHRYSLER 300C SRT8® SPECIFICATIONS

DIMENSIONS AND CAPACITIES^(a)

| | |
|-------------------------------|--------------|
| Wheelbase | 120.0 (3048) |
| Track, Front | 63.0 (1600) |
| Track, Rear | 63.1 (1603) |
| Overall Length | 196.8 (4999) |
| Overall Width | 74.1 (1881) |
| Overall Height | 57.9 (1471) |
| With SDAR Antenna | 58.5 (1486) |
| Ground Clearance | 5.1 (129) |
| Frontal Area, sq. ft. (sq. m) | 25.8 (2.40) |
| Drag Coefficient | 0.355 |
| Curb Weight, lb. (kg)—Est. | 4160 (1888) |
| Weight Dist., F/R | 55/45 |
| Fuel Tank Capacity, gal. (L) | 19 (72) |

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

ACCOMMODATIONS

| | |
|--------------------------------------------|-----------------------------------------|
| Seating Capacity, F/R | 2/3 |
| Front | |
| Head room | 38.7 (983) |
| Leg room | 41.8 (1061) |
| Shoulder room | 59.4 (1510) |
| Hip room | 55.9 (1420) |
| Seat travel | Driver—10.6 (270), passenger—8.66 (220) |
| Recliner angle range | Driver—70°, passenger—69° |
| SAE volume, cu. ft. (cu. m) | 55.6 (1.58) |
| Rear | |
| Head room | 38.0 (965) |
| Leg room | 40.2 (1020) |
| Knee clearance | 4.8 (122) |
| Shoulder room | 57.7 (1466) |
| Hip room | 55.9 (1421) |
| SAE volume, cu. ft. (cu. m) | 51.0 (1.44) |
| Total Interior Volume, cu. ft. (cu. m) | 106.6 (3.00) |
| SAE Cargo Volume, cu. ft. (cu. m) | 15.6 (442) |
| EPA Interior Volume Index, cu. ft. (cu. m) | 122.2 (3.46) |
| Trunk Lift-over Height | 30.2 (768) |

BODY

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|--------------|---------------------------------------------|
| Layout | Longitudinal front engine, rear-wheel drive |
| Construction | Unitized steel body |

SUSPENSION

SRT-tuned Front and Rear Suspension

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|-------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Front | Independent SLA with high upper "A" arm, coil spring over gas-charged monotube Bilstein shock absorbers and stabilizer bar |
| Rear | Five-link independent with coil springs, link-type stabilizer bar, gas-charged monotube Bilstein shock absorbers and isolated suspension cradle |

2010 CHRYSLER 300C SRT8® SPECIFICATIONS

STEERING

| | |
|---------------------------------|---------------------------------------------|
| Type | Rack-and-pinion with hydraulic power-assist |
| Overall Ratio | 16.1:1 |
| Turning Diameter (curb-to-curb) | 38.9 ft. (11.9 m) |
| Steering Turns (lock-to-lock) | 2.75 |

TIRES

Front

| | |
|--------------------|------------------------|
| Availability | Standard on 300C SRT8 |
| Size and type | P245/45ZR20 all-season |
| Mfr. and model | Goodyear Eagle RS-A |
| Revs per mile (km) | 729 (452) |

Rear

| | |
|--------------------|------------------------|
| Availability | Standard on 300C SRT8 |
| Size and type | P245/45ZR20 all-season |
| Mfr. and model | Goodyear Eagle RS-A |
| Revs per mile (km) | 720 (447) |

Front

| | |
|--------------------|--------------------------|
| Availability | Optional on 300C SRT8 |
| Size and type | P245/45ZR20 three-season |
| Mfr. and model | Goodyear F1 Supercar |
| Revs per mile (km) | 729 (452) |

Rear

| | |
|--------------------|--------------------------|
| Availability | Optional on 300C SRT8 |
| Size and type | P245/45ZR20 three-season |
| Mfr. and model | Goodyear F1 Supercar |
| Revs per mile (km) | 720 (447) |

WHEELS

Standard

| | |
|-------------------|--------------------------|
| Type and material | Forged polished aluminum |
| Size | 20-in. x 9-in. |

BRAKES

Front

| | |
|-----------------------|----------------------------------------------------------|
| Rotor size and type | 14.2 x 1.26 (360 x 32) vented |
| Caliper size and type | 1.73 (44) Brembo four-piston fixed with aluminum housing |
| Swept area | 351 sq. in. (2261 sq. cm) |

Rear

| | |
|-----------------------|----------------------------------------------------------|
| Rotor size and type | 13.8 x 1.10 (350 x 28) vented |
| Caliper size and type | 1.26 (32) Brembo four-piston fixed with aluminum housing |
| Swept area | 316 sq. in. (2036 sq. cm) |

| | |
|-----------------------------------------------------|----------------------------------------------------------|
| Four-wheel Anti-lock and Traction Control | Standard |
| Electronic Stability Control (ESC) and Brake Assist | Standard |
| Power-assist Type | 8 x 9 (203 x 229) active tandem-diaphragm vacuum booster |

2010 CHRYSLER 300C SRT8® FEATURE AVAILABILITY

LEGEND: S = Standard, O = Optional, P = Package, — = Not available

Complete package information is listed at the end of the Feature Availability section.

NOTE: Information shown is correct at time of publication, and is subject to change.

SRT8®

EXTERIOR

Colors

| | |
|------------------------------------|---|
| Bright Silver Metallic Clear Coat | |
| Brilliant Black Crystal Pearl Coat | |
| Deep Water Blue Pearl Coat | |
| Inferno Red Crystal Pearl Coat | O |

Badging—SRT8

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|---------|---|
| Decklid | S |
|---------|---|

| | |
|----------------------------------------------------|---|
| Bumpers —Body-color inserts, front and rear | S |
|----------------------------------------------------|---|

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|---------------------------------|---|
| Door Handles —Body-color | S |
|---------------------------------|---|

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|----------------------------------------|---|
| Fascias —Integrated brake ducts | S |
|----------------------------------------|---|

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|---------------------------------------------------------|---|
| Headlamps —Xenon, High-intensity Discharge (HID) | S |
|---------------------------------------------------------|---|

| | |
|---------------------------------|---|
| Rear Spoiler —Integrated | S |
|---------------------------------|---|

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|--------------------------------------------------------------------|---|
| Sun Roof —Power, with one-touch open/close and vent feature | S |
|--------------------------------------------------------------------|---|

INTERIOR

Air Conditioning

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|----------------------------------------------------------------------------------------------------|---|
| Automatic dual-zone climate control with infrared sensors and individual driver/passenger settings | S |
|----------------------------------------------------------------------------------------------------|---|

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|-------------------------------|---|
| Color: Dark Slate Grey | S |
|-------------------------------|---|

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|---------------------------------------|---|
| HomeLink universal transceiver | S |
|---------------------------------------|---|

Interior Accents—Carbon-tech pattern

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|--------------|---|
| Center stack | S |
|--------------|---|

| | |
|-----------|---|
| Door trim | S |
|-----------|---|

| | |
|----------------|---|
| Steering wheel | S |
|----------------|---|

| | |
|------------|---|
| Door pulls | S |
|------------|---|

| | |
|---------|---|
| Shifter | S |
|---------|---|

Instrument Cluster

| | |
|--------------------------------------------------------------------------------------------|---|
| Full instrumentation with 180-mph (300-kph) speedometer, tachometer and temperature gauges | S |
|--------------------------------------------------------------------------------------------|---|

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|--------------------------------|---|
| Tire-pressure Monitoring (TPM) | S |
|--------------------------------|---|

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|-----------------------------------------------------|---|
| Electronic Vehicle Information Center (EVIC) | S |
|-----------------------------------------------------|---|

| | |
|-----------------------------------------------|---|
| Reconfigurable Display with Performance Pages | S |
|-----------------------------------------------|---|

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|--------------------------------------------------------------------------------------------------------|---|
| Performance Pages includes 0-60 mph, eighth-mile, quarter-mile, braking distance timers; G-force meter | S |
|--------------------------------------------------------------------------------------------------------|---|

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|--------------------------------------|---|
| Memory —Radio, seats, mirrors | S |
|--------------------------------------|---|

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|---------------------------------------------|---|
| Pedals —Power-adjustable with memory | S |
|---------------------------------------------|---|

Seats

| | |
|-------------------------------------|---|
| Power-adjustable, performance sport | S |
|-------------------------------------|---|

| | |
|-------------------------------------------|---|
| Performance suede inserts, front and rear | S |
|-------------------------------------------|---|

| | |
|---------------------------|---|
| Heat and memory functions | S |
|---------------------------|---|

2010 CHRYSLER 300C SRT8® FEATURE AVAILABILITY

| | SRT8® |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| Sound Systems and Entertainment | |
| Boston Acoustics speaker system | S |
| 13-speaker KICKER® audio system with 322-watt amplifier | 0 |
| SIRIUS Satellite Radio | S |
| Uconnect™ Multimedia | S |
| Uconnect Navigation (included in SRT Option Group II) | P |
| Uconnect Phone (included in SRT Option Group II) | P |
| Rear-seat Vehicle Entertainment System (VES®): Includes console-mounted 7-inch LCD screen, DVD player with auxiliary audio/video input jacks and two wireless two-channel headphones | 0 |
| Steering Wheel | |
| Leather-trimmed with chrome ferrules | S |
| Mounted audio controls | S |
| POWERTRAIN AND CHASSIS | |
| 6.1-liter HEMI V-8 engine | S |
| Five-speed automatic transmission with Auto Stick | S |
| Brakes | |
| Four-wheel performance disc | S |
| Brembo four-piston calipers | S |
| Vented rotors | S |
| Anti-lock Brake System (ABS) | S |
| Electronic Stability Control (ESC) tuned for SRT performance with brake-knockback mitigation software | S |
| Tire-pressure Monitoring (TPM) | S |
| Tires | |
| Front—P245/45ZR20 high-performance Goodyear RSA four-season tires | S |
| Rear—P245/45ZR20 high-performance Goodyear RSA four-season tires | S |
| Front—P245/45ZR20 high-performance Goodyear F1 three-season tires with asymmetrical tread | 0 |
| Rear—P245/45ZR20 high-performance Goodyear F1 three-season tires with asymmetrical tread | 0 |
| Wheels—Five-spoke 20-inch forged aluminum | S |
| SAFETY AND SECURITY | |
| Air Bags—Advanced multi-stage system—driver and front passenger ^(a) | S |
| Supplemental side-curtain | P |
| Anti-lock Brake System (ABS) | S |
| Electronic Stability Control (ESC) | S |
| Energy-absorbing Steering Column | S |
| Keyless Entry/Keyless Go | S |
| LATCH (Lower Anchors and Tethers for CHildren) Child Seat Anchor System | S |
| Occupant-classification System (OCS) | S |
| Rear-park Assist | S |
| Seat Belts | |
| Front: Height-adjustable three-point belts with Constant-force Retractors (CFR), pretensioners and traveling buckles | S |
| Rear: Three-point for all seating positions | S |
| Trunk Lid—Internal emergency release | S |
| Xenon, High-intensity Discharge (HID) headlamps | S |

2010 CHRYSLER 300C SRT8® FEATURE AVAILABILITY

SRT8®

PACKAGES / EQUIPMENT GROUPS

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| SRT Option Group II (must have power sun roof)—Includes Uconnect Navigation and Uconnect Phone | O |
| SRT Track Experience—Includes a one-day driving experience designed for SRT owners and performance enthusiasts to maximize their driving knowledge and skills on the street or track. All SRT owners and enthusiasts are eligible to participate in this day-long event held at select tracks throughout the season with first-rate driving instruction from professionals at the Richard Petty Racing School | S |

^(a) Certified to federal regulations that allow less forceful air bags. Always use seat belts. Remember, a back seat is the safest place for children.

Legend: S = Standard O = Optional P = Available within package or group noted in parentheses — = Not available

NOTE: The information shown here is preliminary and is based on data available at the time of publication.