



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

2010 DODGE CHARGER SRT8®: QUICKEST SEDAN IN THE DODGE LINEUP

The 2010 Dodge Charger SRT8® packs all of the features and amenities expected of an excellent family sedan combined with benchmark performance delivered by Chrysler Street and Racing Technology (SRT) vehicles.

Key SRT ingredients that make up the Dodge Charger SRT8 include a 6.1-liter, 425-horsepower (317 kW) HEMI® V-8 that delivers 0-60 mph in the low 5-second range, quarter-mile time in less than 14 seconds, world-class ride and handling, benchmark braking using knockback mitigation software producing 60-0 mph stops in approximately 110 feet and 0.89 g on the skid pad. In addition, the Dodge Charger SRT8 accomplishes SRT's signature performance test of 0-100-0 mph in less than 17 seconds.

SRT-inspired interior appointments in the 2010 Dodge Charger SRT8 start with Dark Slate Gray interior color seats with agate-color accent stitching, carbon-fiber-like leather-trim door handles and steering wheel, SRT logo on front-seat inserts and center console, and LED lighting in the front cup holders and front- and rear-door map pockets.

Befitting its high-performance character, the 2010 Dodge Charger SRT8 continues to provide power-adjustable, deeply sculpted and highly bolstered sport seats in the front, fitted with performance suede inserts to hold occupants during maneuvering. Rear seats have matching performance suede inserts.

Full instrumentation includes a 180-mph (300 kph) speedometer, a tachometer and a coolant temperature gauge. An LED display within the gauge cluster is driver configurable for oil-temperature, oil-pressure and tire-pressure readouts. The exclusive Electronic Vehicle Information Center (EVIC) with Performance Pages is available and provides drivers with instant feedback on 0-60 mph time, 60-0 mph braking, G-forces in addition to one-eighth mile and quarter-mile times.

SAFETY AND SECURITY

More than 25 safety and security features, include:

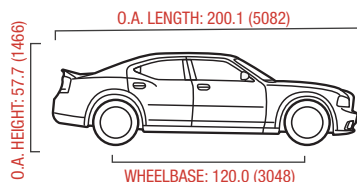
- Advanced Multi-stage Air Bag System
- All-speed traction control system
- Electronic Stability Control (ESC)
- Interior Head-impact Protection
- Knee bolsters
- Power-adjustable Pedals
- Seat Belt Pretensioners
- Sentry Key® engine immobilizer
- Side-impact Door Beams

FUEL ECONOMY (city/hwy)

6.1L HEMI® V-8
 13/19



DIMENSIONS, IN. (MM)



MODEL / POWERTRAIN

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

O.A. Width: 74.5 (1891) **Curb Wt., lb.(kg)-Est.:**
Track, Front: 63.0 (1600) 4,160 (1887)
Track, Rear: 63.1 (1604)

2010 DODGE CHARGER SRT8® AT A GLANCE

Ultimate modern American muscle sedan—

“Charger on steroids”

- Powered by the 6.1-liter HEMI V-8 that produces 425 horsepower (317 kW) and 420 lb.-ft. (569 N•m) of torque, the Dodge Charger SRT8's performance-tuned ride and handling offer a world-class performance sedan experience
- Builds on the momentum of Charger, HEMI and SRT

Quickest sedan in the Dodge lineup

- SRT performance: 0-60 mph in the low 5-second range, 0-100-0 in under 17 seconds, 60-0 mph in approximately 110 feet

Balanced performance

- Functional, performance-oriented exterior design features 20-inch SRT wheels, 3.5-inch chromed exhaust tips, front fascia with air dam and brake cooling ducts, and functional hood scoop and rear deck-lid spoiler
- Race-inspired interior appointments include deeply bolstered seating and comprehensive instrumentation
- Benchmark braking and world-class ride-and-handling characteristics make the Dodge Charger SRT8 civilized enough for a grocery run but fully capable in more challenging situations
- The 2010 Dodge Charger SRT8 is part of a broad lineup of Street and Racing Technology vehicles developed under the credo “Race inspired, street legal”

2010 DODGE CHARGER 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	Fall 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. (6,059 cu. cm)
Bore x Stroke	4.06 x 3.58 (103.0 x 90.9)
Valve System	Pushrod-operated overhead valves, 16 valves, eight 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) @ 6,200 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	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	2.54

ELECTRICAL SYSTEM

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

2010 DODGE CHARGER SRT8® SPECIFICATIONS

DIMENSIONS AND CAPACITIES^(a)

Wheelbase	120.0 (3048)
Track, Front	63.0 (1600)
Track, Rear	63.1 (1604)
Overall Length	200.1 (5082)
Overall Width	74.5 (1891)
Overall Height	57.7 (1466)
With SDAR Antenna	58.3 (1481)
Ground Clearance	5.1 (129)
Frontal Area, sq. ft. (sq. m)	25.7 (2.39)
Drag Coefficient	0.345
Curb Weight, lb. (kg)—Est.	4,160 (1887)
Weight Distribution, percent F/R	54/46
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 Seat	
Head Room	38.7 (983)
Leg Room	41.8 (1061)
Shoulder Room	59.3 (1505)
Hip Room	56.2 (1427)
Seat Travel	Driver—10.6 (270), passenger—8.66 (220)
Recliner Angle Range, deg.	Driver—up to 112, passenger—69
SAE Front Volume Index, cu. ft. (cu. m)	55.5 (1.57)
Rear Seat	
Head Room	36.2 (919.5)
Leg Room	40.2 (1020)
Knee Clearance	4.5 (114.2)
Shoulder Room	57.6 (1464)
Hip Room	55.5 (1409)
SAE Rear Seat Volume Index, cu. ft. (cu. m)	50.5 (1.43)
Total Interior Volume, cu. ft. (cu. m)	104.0 (2.94)
SAE Cargo Volume, cu. ft. (cu. m)	16.2 (0.46)
EPA Interior Volume Index, cu. ft. (cu. m)	120.2 (3.4)
Trunk Lift-over Height	30.1 (765.1)

BODY

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

SUSPENSION

SRT-tuned Front and Rear Suspension

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

2010 DODGE CHARGER 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 and Rear	Standard on Charger SRT8
Size and Type	P245/45ZR20 all-season
Mfr. and Model	Goodyear Eagle RS-A
Revs per Mile (km)	729 (452) front and rear

Front	Optional on Charger SRT8
Size and Type	P245/45ZR20 three-season
Mfr. and Model	Goodyear F1 Supercar
Revs per Mile (km)	729 (452)

Rear	Optional on Charger SRT8
Size and Type	P255/45ZR20 three-season
Mfr. and Model	Goodyear F1 Supercar
Revs per Mile (km)	729 (452)

WHEELS

Front and Rear	Standard on Charger SRT8
Type and Material	Forged polished aluminum
Size	20 x 9 in.

Front and Rear	Optional on Charger SRT8
Type and Material	Forged aluminum
Size	20 x 9 in.

BRAKES

Front	
Rotor Size and Type	14.2 x 1.26 (360 x 32.0) 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 Brake System (ABS)
and Traction Control

Standard

Power-assist Type

8x9 (203 x 229) tandem-diaphragm vacuum booster

2010 DODGE CHARGER 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	
TorRed Clear Coat	O

Badging—SRT8

Deck lid	S
Grille insert	S

Door Handles—Body color

S

Fascias

Front—Integrated brake cooling ducts	S
Rear—Integrated lower strakes	S

Grille—Mesh

S

Headlamps—Automatic

S

Hood—With functional air scoop

S

Mirrors

Body-color	S
Folding, heated	S

Rear Spoiler—Functional

S

Sun Roof—Power

O

INTERIOR

Air Conditioning

Automatic dual-zone climate control with infrared sensors and individual driver/passenger settings	S
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Badging—SRT8 below passenger-side air conditioning outlet duct

S

Color: Dark Slate Gray

S

Center Stack—Satin Silver bezel

S

Instrument Cluster

Full instrumentation with 180-mph (300-kph) speedometer, tachometer and temperature gauges	S
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Tire-pressure Monitoring (TPM) display	S
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Electronic Vehicle Information Center (EVIC) (included in SRT Option Group II)

P

Reconfigurable Display with Performance Pages	P
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Performance Pages include 0-60 mph, eighth-mile, quarter-mile, braking distance timers, G-force meter	P
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Pedals—Power-adjustable

S

Remote start

S

Seats

Power-adjustable, performance bolstered	S
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Performance suede inserts	S
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Contrasting stitching	S
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Heated front	S
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Satin Silver Shift Bezel and Lock Knobs

S

SIRIUS Satellite Radio

S

2010 DODGE CHARGER SRT8® FEATURE AVAILABILITY

	SRT8®
Sound Systems	
AM/FM/CD/DVD/MP3 radio	S
KICKER® audio system with Driver Selectable Surround (DSS) sound (included in SRT Option Group II)	P
Uconnect™ Navigation (included in SRT Option Group II)	P
Uconnect Phone (included in SRT Option Group II and SRT Option Group III)	P
Uconnect Multimedia	O
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	O
Steering Wheel	
Carbon-fiber leather trim, Satin Silver spokes	S
Mounted audio controls	S
Windows	
Power, driver one-touch	S
Power front, one-touch up/down	S
POWERTRAIN AND CHASSIS	
6.1L HEMI® V-8 engine	S
Five-speed Automatic Transmission with Auto Stick	S
Brakes	
Four-wheel performance vented rotors	S
Brembo four-piston calipers	S
Anti-lock Brake System (ABS)	S
Brake Assist	S
Electronic Stability Control (ESC)—Three-mode system uniquely calibrated for SRT application	S
Unique Engine Controller and Transmission Calibration	S
Exhaust System with 3.5-inch tips and revised tuning	S
Suspension	
SRT-tuned dampers, specially tailored spring rates and suspension bushings	S
Large diameter anti-sway bars	S
Modified front and rear knuckles	S
Tire-pressure Monitoring (TPM)	S
Tires	
Front and Rear—P245/45ZR20 Goodyear RSA four-season	S
Front—P245/45ZR20 Goodyear F1 three-season	O
Rear—P255/45ZR20 Goodyear F1 three-season	O
Wheels	
20-inch forged aluminum	S
SAFETY AND SECURITY	
Air Bags—Advanced multi-stage system ^(a)	S
Anti-lock Brake System (ABS)	S
Supplemental Side-curtain Air Bags	S
Electronic Stability Control (ESC)—Three-mode system uniquely calibrated for SRT application	S
Energy-absorbing Steering Column	S
Occupant-classification System (OCS)	S

2010 DODGE CHARGER SRT8® FEATURE AVAILABILITY

	SRT8®
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
LATCH (Lower Anchors and Tethers for Children) Child Seat Anchor System	S

^(a) Certified to the federal regulation for automatic passenger occupant classification. Always use seat belts. Children 12 and under should always be in a back seat correctly using an infant or child restraint system, or the seat belt positioned correctly for the child's age and size. The OCS determines the conditions for activation or deactivation of the passenger-side front air bag based upon the weight of the occupant. It may not activate the air bag if the occupant has incorrect seating posture or is moving in the seat. You should observe the air bag lamp to determine if the OCS is deciding properly. Passengers should sit properly in the seat with the seat belt fastened at all times.

PACKAGES / EQUIPMENT GROUPS

SRT Option Group II—Includes Electronic Vehicle Information Center (EVIC) with Performance Pages, KICKER® audio system, 200-watt subwoofer, 322-watt amplifier with Driver Selectable Surround (DSS) sound, security alarm, Uconnect Multimedia, Uconnect Phone	0
SRT Option Group III—Includes Uconnect Phone and Uconnect Navigation	0
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 selected tracks throughout the season with first-rate driving instruction from the professionals at the Richard Petty Racing School	S