

## 2013 Dodge Charger SRT8®

### OVERVIEW

#### **Chrysler Canada: 2013 Dodge Charger SRT8® Delivers Balance of Intelligent Performance and Power**

- 6.4L HEMI® V8 engine delivers 470 horsepower and 470 lb.-ft. of torque for power across a wide rpm range
- New for 2013, expanded Adaptive Damping Suspension (ADS) allows for three-mode selectable suspension tuning
- New for 2013, standard launch control provides enhanced straight-line acceleration
- FuelSaver Multi-Displacement System (MDS) Technology with active valve exhaust system delivers up to 8.7 L /100km (32 mpg) on the highway
- Popular Super Bee model returns in 2013 with expanded exterior colour selection and new options for the core performance enthusiast

The Dodge Charger SRT8® continues to bring intelligent performance features and loads of power to the Dodge brand's iconic four-door fastback coupe. Making a return to the Dodge Charger SRT8 lineup is the popular Charger SRT8 Super Bee core-performance model with a variety of new exterior colour choices that will be rolled out during the model year.

Powered by the 6.4-litre HEMI® V8 engine that offers 470 horsepower and 470 lb.-ft. of torque across a wide rpm range, performance numbers for the Dodge Charger SRT8 include 0-100 km/h acceleration in the high 4-second range; 400 metre (quarter mile) in the high 12-second range; 0-160-0 km/h in less than 16 seconds; top speed of 280 km/h and stopping power from 100 km/h-to- 0 in 37 metres (120 feet).

#### **Awe-inspiring powertrain**

Even with the high horsepower and torque numbers, up to 8.7 L /100 km (32 mpg) on the highway is achieved by the use of an active valve exhaust system that allows the standard FuelSaver Multi-Displacement System (MDS) technology (four-cylinder mode) to engage over a wide rpm range for efficient motoring or the use of all eight cylinders when the extra power is needed. The active valve exhaust system also allows for straight-through mid and rear mufflers for a throaty exhaust note under engine load.

The Dodge Charger SRT8 features an active intake manifold and high-lift camshaft with cam phasing to provide maximum low-end torque for strong standing starts while optimizing high-end power.

The proven five-speed automatic transmission uses standard steering wheel mounted paddle shifters or the centre console mounted Auto/Stick™, allowing for a choice of active shifting on both the road and the race track. Both methods give the driver the ability to manually select specific gears on the transmission.

In “Drive,” the transmission controller will automatically shift the vehicle. The aggressiveness of the shifting is defined by the mode chosen - either “Normal” or “Track.” Fully adaptive electronic control of all shifting makes the powertrain more responsive while minimizing harshness.

In “Manual,” the shift method is defined by the driver choosing to use either paddle shift or Auto/Stick. The “Track” mode adds a hold function to the calibration in all gears, allowing the driver full control of the shifting schedule.

#### **Outstanding ride, handling and capability**

New for 2013, is an improved Adaptive Damping Suspension (ADS) that is expanded to three modes and tuned specifically for the Dodge Charger SRT8 to provide an everyday performance ride or much firmer race track-capable damping, for more challenging driving situations.

In “Auto” mode, a wide range of on-road and driver inputs – such as vehicle speed, steering angle, steering speed, brake torque, throttle position and longitudinal/lateral/vertical accelerations – automatically tune the suspension for specific conditions.

In “Sport” mode, the damping system rebound and compression is locked to a higher damping rate. Drivers can easily choose between settings with a press of a button on the centre stack to quickly change the shock damping characteristics from “Auto” for everyday commuting to “Sport” for more dynamic driving situations.

In “Track” mode, the higher damping rates combine with a performance shifting and gear holding feature that allows the driver full shift control when using the steering wheel mounted paddle controls or Auto/Stick.

New for 2013, a standard launch control system helps maximize straight-line acceleration. When the vehicle is at a complete stop, the driver engages the system by pressing the ESC button twice and then with their foot securely on the brake, quickly applies full throttle. Launch control holds the engine at an

optimal launch rpm of 1,825 and waits for the driver to release the brake. Launch control then uses engine torque management to achieve controlled wheelslip for maximum acceleration up to 100 km/h.

The performance SRT<sup>®</sup>-tuned, fully hydraulic steering system uses a heavy-duty pump and unique gearing to give drivers more direct feel and on-centre response.

Maximum handling rating for the Dodge Charger SRT8<sup>®</sup> is .88g on the skidpad with the available Goodyear three-season tires.

### **Benchmark braking**

The Dodge Charger SRT8 has 14.2-inch (front) and 13.8-inch (rear) vented/slotted rotors with four-piston Brembo<sup>®</sup> calipers painted red (Black on Charger SRT8 Super Bee) providing world-class stopping power from 100-0 km/h in 37 metres. Improved brake cooling and fade performance at all four corners comes courtesy of an underbody belly pan with integrated brake ducting.

The Ready Alert Braking system anticipates when the driver quickly releases the accelerator pedal and may initiate an emergency brake stop. The Electronic Stability Control pump then engages to set the brake pads against the rotors, speeding up the time required for full brake application.

### **Aggressive and functional exterior**

There is no mistaking the high performance look of the Dodge Charger SRT8 through the exclusive high-gloss black front grille, grille surround, and Dodge crosshair next to the signature SRT badge and the 6.4-litre HEMI badges on each fender.

The performance-sculpted hood features an air exhauster for added engine cooling.

Nine exterior paint colour choices for 2013 include; Copperhead Pearl, Pitch Black, Billet Metallic, Bright White, Granite Crystal Pearl, Jazz Blue Pearl Coat, Phantom Black Tri-coat Pearl, Redline 3-Coat Pearl and TorRed.

Dodge Charger SRT8 Super Bee models are available in three exterior colours throughout the model year including Bright White, Pitch Black and TorRed.

The signature exterior of the Super Bee also features a unique SRT badge with a 3-D helmeted bee mascot on the split crosshair grille finished in Gloss Black.

Satin black hood graphics (charcoal grey on Pitch Black models) mirror the black deck-lid stripes with a solid wide centre-line flanked by solid dual tracer lines. Standard rear deck-lid spoilers are matte black or matching body colour on the Pitch Black model.

Both front fenders on Super Bee models tout the historically significant V8 engine with “392 HEMI” badges first seen on the 2011 Dodge Challenger SRT8® 392. Flanking both rear fenders are the legendary round Super Bee graphics, which include the wording “Powered by SRT” to commemorate the modern incarnation of this celebrated performance icon. Unique side-sill cladding on all Dodge Charger SRT8 models is painted to match the body-colour.

In the rear, the Dodge Charger SRT8’s signature “racetrack” taillamp design with 164 illuminating LEDs sits just below the rear spoiler. Round 4-inch (102 mm) dual exhaust tips are positioned inside the rear fascia, while the SRT8 decklid badge boldly shows the Street and Racing Technology DNA.

Standard split, five-spoke 20-inch lightweight forged and polished aluminum wheels with black painted pockets complete the aggressive powerful look of the Dodge Charger SRT8. New for 2013 is the same style wheel available in the SRT exclusive Black Vapour Chrome finish. The 2013 Dodge Charger SRT8 Super Bee models ride on 20-inch, five spoke cast-aluminum wheels with black painted pockets developed specifically for a unique performance look. Both models are available with three-or-four season Goodyear® tires making the 2013 Dodge Charger SRT8 easy to handle and fun to drive in any condition.

### **Race-inspired and high-performance interior**

The interior environment of the 2013 Dodge Charger SRT8 combines world-class accommodations with race-inspired technology and appointments. The SRT-exclusive, leather-wrapped and heated steering wheel features a unique satin chrome rim section with a flattened bottom surface that showcases the SRT logo. The standard paddle shifters flank both sides of the steering wheel behind contoured palm rests. For the high-performance look, Dark Engine Turn fibre aluminum interior trim pieces are integrated into the instrument panel and shifter bezel.

Both front seats have unique, aggressive bolstering under the Nappa leather and perforated suede insert fabric to help “grip” the driver and passengers, keeping them in place during dynamic driving. Front seats are heated, ventilated, have the SRT logo embroidered in the seat backs and come standard with reactive head restraints. Passengers in the rear also benefit on cool days with heated rear seats. To match the seats, modified door trim panels feature unique bolster material.

Interior colour combinations include Black and the available Radar Red/Black, which adds colour to the seats, door trim panels and centre console cover.

Unique interior appointments on the 2013 Dodge Charger SRT8 Super Bee models include exclusive Z-stripe cloth performance seats with silver striping in both the front and rear as well as silver accent stitching and embroidered Super Bee logos on each of the front seat headrests. The instrument panel also features the Charger Super Bee logo on a unique dash plaque. Modified software includes the appearance of the Super Bee logo in the centre instrument panel's EVIC at vehicle start up.

### **Safety and security**

The Dodge Charger SRT8 features more than 65 advanced safety and security features, including standard Keyless Enter 'n Go™ and Electronic Stability Control (ESC) with segment-exclusive Ready Alert Braking and Rain Brake Support safety features to improve overall vehicle handling and performance.

In addition, standard front-row reactive head restraints, standard full-length side-curtain air bags, driver's knee air bag and standard front seat side air bags offer enhanced occupant protection to passengers in the event of a collision.

The available Driver Confidence Group adds Blind-Spot Monitoring, Forward Collision Warning, Rear-Cross Path Detection and SmartBeam® headlamps.

### **Connectivity and infotainment**

Keeping drivers in tune with the vehicle performance is the full-colour graphic Electronic Vehicle Information Centre (EVIC) with exclusive Performance Pages. Drivers can view timers for 0-100 km/h, 200 metre (one-eighth mile) and 400 metre (quarter-mile) times, 100-0 km/h braking distance, along with lateral and longitudinal G-forces within the touchscreen display.

The instrument panel's 8.4-inch colour touchscreen display – the segment's largest standard display – also has all the same Performance Pages data as the EVIC, and is further expanded to include steering angle, horsepower and torque outputs along with engine gauges. The display is customizable to a driver selectable background.

The Dodge Charger SRT8 features an available 900-watt, 19-speaker premium SRT performance audio surround-sound system from Harman Kardon®. The system offers world premier innovation, featuring a 32-volt Tracking Power Supply (TPS) and a 12-channel Class D amplifier that delivers outstanding acoustics and brings multi-dimensional, quality sound for all interior occupants.

The system uses GreenEdge speaker and amplifier technology to offer superior sound quality and high Sound Pressure Level outputs with minimum energy consumption. GreenEdge amplifiers alone

outperform traditional amplifier efficiency by up to 55 per cent, representing a net efficiency of more than 90 per cent in some cases. The speakers are tuned for maximum efficiency and perfectly matched to the amplifier output.

The system's 19 GreenEdge ultra lightweight, high-efficiency speakers include:

- Seven, 3.5-inch Unity Coaxial mid-range speakers with seven integrated tweeters located in the front dash, rear doors and rear deck
- Two, 6 x 9-inch subwoofers located in the front doors
- Two, 6 x 9-inch subwoofers in the rear deck
- One, 10-inch subwoofer in the rear deck

The intuitive user interface for the system is controlled through the state-of-the-art Uconnect™ 8.4N. Benchmarked against the best sedans from Europe, Asia and North America, the easy-to-use system features hands-free texting with compatible Bluetooth® devices, voice commands for Garmin® GPS Navigation, and iPod® control to keep all passengers easily connected, comfortable and secure.

### **Manufacturing**

The Dodge Charger SRT8® is built at the Brampton Assembly Plant in Ontario.

### **About SRT**

The Chrysler Group's Street and Racing Technology (SRT) brand uses a successful product development formula featuring five proven hallmarks: awe-inspiring powertrains; outstanding ride, handling and capability; benchmark braking; aggressive and functional exteriors and race-inspired and high-performance interiors to remain true to its performance roots.

The SRT® lineup in the 2013 model year features five vehicles that are world-class performance contenders and bring the latest in safety technologies and creature comforts. The Chrysler 300 SRT8, Dodge Challenger SRT8 392, Dodge Charger SRT8 and Jeep Grand Cherokee SRT8 are joined by the SRT flagship Viper and Viper GTS models which are making their highly anticipated return to the high-performance sports car market.

For more information about the 2013 Dodge Charger SRT8, please visit [www.dodge.ca](http://www.dodge.ca).

### **About Chrysler Canada Inc.**

Founded as the Chrysler Corporation in 1925, Chrysler Canada Inc. is based in Windsor, Ontario, and celebrates its 87th anniversary in 2012. Chrysler Canada's product lineup features some of the world's most recognizable vehicles, including the Dodge Grand Caravan, Jeep® Wrangler, Chrysler 300 and Ram trucks.

The SRT logo is rendered in a stylized, italicized font with a metallic, three-dimensional appearance. It is set against a red background that features a grid of small, glowing diamond shapes.

# **DODGE CHARGER SRT8**

*Overview*

Chrysler Canada is a wholly owned subsidiary of Chrysler Group LLC, one of the world's leading automotive companies. Chrysler Group LLC, formed in 2009 from a global strategic alliance with Fiat Group, produces Chrysler, Jeep®, Dodge, Ram Truck, SRT®, FIAT® and Mopar® vehicles and products. With the resources, technology and worldwide distribution network required to compete on a global scale, the alliance builds on Chrysler's culture of innovation – first established by Walter P. Chrysler in 1925 – and Fiat's complementary technology – from a company whose heritage dates back to 1899. Fiat will contribute world-class technology, platforms and powertrains for small- and medium-sized cars, allowing Chrysler Group to offer an expanded product line including environmentally friendly vehicles.

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