

2015 Dodge Charger SRT Hellcat and Charger SRT 392

OVERVIEW

Chrysler Canada: 2015 Dodge Charger SRT Hellcat and SRT 392 power 2015 Charger to New Levels of Performance

- New Dodge Charger SRT Hellcat with supercharged 6.2-litre HEMI[®] Hellcat engine, producing 707 horsepower and 650 lb.-ft. of torque, is the quickest, fastest and most powerful sedan in the world
- Charger Hellcat's unrivaled four-door performance includes NHRA-certified, quarter mile elapsed time in 11.0 seconds on street tires, 0-100 km/h in under 4 seconds and a top speed of 328 km/h
- New Charger SRT 392 model, powered by 6.4-litre HEMI V8, delivers 485 horsepower and 475 lb.-ft. of peak torque
- Segment-first TorqueFlite heavy-duty eight-speed automatic transmissions capable of delivering fuel-efficient street driving and maximum track performance with 160 millisecond shifts with rev-matching
- Dodge and SRT designers re-sculpted and refined nearly every body panel with functional performance cues, including heat extractors in the hood, unique front and rear fascias and dramatic LED lighting in both front and rear
- New performance attributes on both Charger SRT models include the largest brakes ever offered in a Chrysler Group vehicle – 15.4-inch Brembo two-piece rotors with six-piston calipers, 20-by-9.5-inch wide forged-aluminum wheels with Pirelli P Zero performance tires, adaptive damping three-mode suspension and heavy-duty eight-speed automatic transmission
- New SRT Performance Pages allow drivers to tailor the driving experience by controlling horsepower, transmission shift speeds, paddle shifters, traction and suspension
- Dodge Charger SRT Hellcat features two key fobs – one black and one red. The red one unlocks all 707 horsepower and the black key limits top power to approximately 500 horsepower
- New interior design elements on both Charger SRT models, including SRT three-spoke, flat-bottom steering wheel, 7-inch customizable in-cluster display, 8.4-inch touchscreen, Nappa leather and Alcantara suede seating, premium materials and a choice of four new trim and colour combinations

- Dodge Charger SRT models feature a broad array of the latest high-tech features, including award-winning Uconnect® 8.4 multimedia centre, voice texting, and new available 3-D navigation

Dodge is bringing a new SRT model to market in 2015: the new 707-horsepower 2015 Dodge Charger SRT Hellcat “ultimate performance” four-door muscle car.

“For the last eight years, a large part of the Dodge Charger’s successful formula has been its many personalities for a family capable sedan depending on how the customer chooses to equip their car,” said Tim Kuniskis, President and CEO — Dodge and SRT Brands. “Now our 2015 Charger SRT lineup sets its advanced muscle car personality apart by offering unrivaled capabilities in our ultimate performance sedans.”

The 2015 Dodge Charger SRT models will be built at the Brampton, Ontario, Assembly Plant. Production of the Dodge Charger SRT Hellcat is slated to begin in the first quarter of 2015.

Awe-inspiring powertrains

The new 2015 Dodge Charger SRT Hellcat is powered by the new supercharged 6.2-litre HEMI® V8 engine. Its 707 horsepower matches the highest rating of any V8 engine in Chrysler Group’s celebrated history – that of the 2015 Dodge Challenger SRT Hellcat – making it the quickest, fastest and most powerful production sedan in the world, as well as the most capable and technologically advanced four-door muscle car in North America.

The unrivaled four-door performance numbers tell an impressive story with an NHRA-certified, quarter mile in 11.0 seconds, 0-100 km/h in under 4 seconds, and a top speed of 328 km/h.

The all-new supercharged V8 engine is mated to the new TorqueFlite 8HP90 eight-speed automatic transmission specifically engineered to withstand the horsepower and torque of the Hellcat.

This new Hellcat engine is Dodge’s first application of V8 supercharger technology, featuring a forged-steel crankshaft with induction-hardened bearing surfaces. The result is a crank so well-engineered it can withstand firing pressures of 110 bar (1,595 psi) – the equivalent of five family sedans standing on each piston, every two revolutions. And its unique, specially tuned crank damper has been tested to 13,000 rpm.

High-strength, forged-alloy pistons, developed using advanced telemetry measurement, are coupled to powder-forged connecting rods with high-load-capacity bushings and diamond-like-carbon-coated

piston pins.

The supercharged 6.2-litre HEMI V8 has premium-grade, heat-treated aluminum-alloy cylinder heads, which are optimized for superior thermal conductivity. And its die-cast aluminum rocker covers are HEMI Orange.

The 2015 Dodge Charger SRT 392 model gets a power boost as horsepower climbs to 485 from 470 for the 392 cubic-inch HEMI V8, while peak torque jumps to 475 lb.-ft. from 470 lb.-ft.

The naturally aspirated 392 cubic inch HEMI V8 is mated to the TorqueFlite 8HP70 eight-speed automatic transmission.

Standard on both 2015 Charger SRT models is the largest front-brake package ever offered in a Chrysler Group vehicle, which was first introduced on the 2015 Challenger SRT Hellcat, featuring all-new 390-mm (15.4-inch) Brembo two-piece rotors with six-piston calipers for outstanding heat management, thermal capacity and longevity.

All-new Drive Modes tailor the driving experience to each individual driver

Whether its on-road or on-track, Dodge Charger SRT owners can personalize their drive experience via the all-new Drive Modes feature. Drive Modes tailor the driving experience by controlling horsepower, transmission shift speeds, paddle shifters, traction and suspension. Drive Modes are pre-configured for Sport, Track and Default settings, while the Custom setting lets the driver customize the drive experience to their favorite settings.

- Default — Activates automatically when starting the vehicle
- Sport — Delivers increased vehicle performance capability over the Default Mode
- Track — Delivers maximum vehicle performance capability on smooth, dry surfaces
- Custom — Allows the driver to personalize the vehicle's performance
- Eco — Maximizes fuel economy with a revised shift schedule, pedal map and second-gear starts

The Drive Modes feature is controlled through the 8.4-inch touchscreen Uconnect® system and may be accessed by performing any of the following:

- Pushing the SRT button on the instrument panel switch bank
- Selecting “Drive Modes” from the “SRT & Apps” menu
- Selecting “Drive Modes” from within the Performance Pages menu

Unlocking the power

The all-new 2015 Dodge Charger SRT Hellcat comes standard with two key fobs – red and black. The red key fob is the only key that can unlock the full horsepower and torque potential of the SRT Hellcat engine, while the black key fob limits the driver to a reduced engine output.

When Valet mode is activated, the following vehicle configurations are enabled:

- Engine is remapped to significantly reduce horsepower and torque; limited to 4,000 rpm
- Transmission locks out access to first gear and upshifts earlier than normal
- Transmission will treat the manual shifter position the same as the drive position
- Traction, steering and suspension are set to their Street settings
- Steering-wheel paddle shifters are disabled
- Drive Mode functions are disabled
- Electronic Stability Control (ESC) is enabled to Full-on
- Launch control is disabled

The driver can activate and deactivate Valet mode on Dodge Charger SRT 392 and Hellcat models with a four-digit PIN code they create.

Sinister, functional exterior design

Inspired by its performance-enthusiast roots when Charger first launched more than 45 years ago, the new Charger successfully pays homage to past muscle cars while offering distinctly modern all-new exterior and interior appointments.

The Dodge and SRT design teams build upon the 2015 Dodge Charger’s new modern four-door fastback’s already iconic exterior styling by adding a sinister-looking, unique front fascia, hood, rear fascia and spoiler.

The new exterior of the 2015 Dodge Charger is spiritually inspired by the iconic second-generation Charger from the late 1960s. With its rear-wheel-drive (RWD) platform and proven power, the Charger's modern take on old-school muscle is sure to resonate with today's enthusiasts.

Up front, the Charger SRT Hellcat receives the larger, power-bulge aluminum hood, which features a dedicated cold-air intake – a visual styling cue from the first Viper coupe built in 1996 – and dual air extractors to ensure effective removal of heat and reduced air turbulence in the engine compartment.

The redesigned front fascia and grille use unique, blacked out upper and lower textures to produce the menacing look that is sure to make onlookers notice the ultimate performance sedan.

An integrated front splitter optimizes airflow to the cooling modules without compromising vehicle balance.

Filling the wheel wells of the Hellcat are Slingshot split-seven spoke 20-by-9.5-inch, lightweight forged-aluminum wheels with either standard Matte Black or available Brass Monkey/Dark Bronze finishes. Two new 275/40ZR20 Pirelli P Zero tires provide standard all season performance or available 3 season performance. Both Pirelli P Zero Nero and P Zero tires are Y-Plus rated to handle the extreme speeds the Charger SRT Hellcat is capable of producing.

At the rear, a single piece decked spoiler is painted in body colour while the unique fascia and valence showcase the 102 mm (4-inch) round exhaust tips.

The Dodge Charger SRT's signature racetrack LED tail lamps take on the same continuous glowing ribbon of light that debuted on the new 2014 Dodge Durango. The centre high-mounted stop lamp is relocated from the top of the deck lid to the roofline inside the back glass, allowing centring of the Charger SRT's backup camera.

The rear styling makeover begins at the touchdown point of the C-pillar, which is moved rearward to create an even more pronounced fastback appearance combined with a shorter rear overhang.

High-performance driver-oriented interior

The 2015 Charger SRT models feature restyled driver-focused interiors with premium, soft-touch materials, a new 7-inch customizable in-cluster display and a new instrument panel centre stack with the latest generation 8.4-inch Uconnect touchscreen media centre.

New for 2015, drivers can select one of the many offered backgrounds to connect the digital look and feel with their chosen interior package. In addition, the Charger SRT Hellcat has an available premium

900-watt, 19-speaker Harman Kardon audio system.

An all-new electronic shifter with a driver-oriented T-handle provides intuitive gear selection and offers an Auto/Stick™ selector gate for added control.

A redesigned SRT-branded heated steering wheel features a flat bottom and thick rim for the high-performance driver. Standard paddle shifters are located on the back of the upper spokes. The buttons to control the 7-inch driver-configurable, full-colour in-cluster display are large and illuminated. Buttons for Uconnect and phone access now reside along the bottom edge of the horizontal spokes. Optional adaptive cruise control is configured by buttons that are symmetrically opposite on the right-hand side of the wheel. As before, the highly praised audio controls are still found on the back of the upper spokes. This new power tilt-telescoping steering wheel also has a 360-degree heat element.

The new 2015 Dodge Charger SRT Hellcat features redesigned seats with improved cushioning and more comfortable contours. For improved comfort and convenience, the SRT Hellcat includes standard heated and ventilated front high-performance seats and heated rear seats.

