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Dodge Introduces 'Demon-possessed' 2021 Dodge Charger SRT Hellcat Redeye

797-horsepower Charger SRT Hellcat Redeye is the Most Powerful and Fastest Mass-produced Sedan in the World, Offering the Ultimate in High-performance, Comfort and Road-ready Confidence

- New 2021 Dodge Charger SRT Hellcat Redeye and its 797-horsepower supercharged HEMI® high-output engine drive the most powerful Charger lineup ever
- The Dodge Charger SRT Hellcat Redeye is the most powerful and fastest mass-produced sedan in the world:
 - Most powerful production sedan V-8 engine with 797 horsepower and 707 lb.-ft. of torque
 - World's fastest mass-produced sedan with a top speed of 327 kilometres per hour (203 miles per hour)
 - Quickest production Charger ever with a quarter-mile elapsed time (ET) of 10.6 seconds at 208 km/h (129 mph)
 - Charger SRT Hellcat Redeye runs 1.2 seconds faster than the Charger SRT Hellcat on a 3.4-kilometre (2.1-mile) road course, equal to about 7 car lengths after one lap
- The Charger SRT Hellcat Redeye features the aggressive widebody, introduced on the Charger SRT Hellcat in 2020 standard, with integrated fender flares that add 8.8 centimetres (3.5 inches) of width over the wider wheels and tires
- The innovative, award-winning SRT Power Chiller™, standard on the Charger SRT Hellcat Redeye, lowers the intake air temperature, improving performance
- 2021 Dodge Charger SRT Hellcat boasts a new rating of 717 horsepower
- Both 2021 Dodge Charger SRT Hellcat and SRT Hellcat Redeye models feature a newly designed, functional performance hood that gives them an even more sinister look
- Dealer orders open for 2021 Dodge Charger models this fall, including the new SRT Hellcat Redeye; vehicles are scheduled to start arriving in Canadian dealerships in early 2021

July 2, 2020, Windsor, Ontario - Dodge, North America's performance brand, continues to push the limits of the world's only four-door muscle car, introducing the new 797-horsepower 2021 Dodge Charger SRT Hellcat Redeye — the most powerful sedan and fastest mass-produced sedan in the world.

To put that nearly 800 horsepower to the pavement, the new Charger SRT Hellcat Redeye boasts a Widebody exterior with integrated fender flares that add 8.8 centimetres (3.5 inches) of body width. The new 20-inch-by-11-inch Lightweight Carbon Black wheels ride on Pirelli 305/35ZR20 tires, which give the Charger SRT Hellcat Redeye more tire tread where the rubber meets the road. A newly designed, functional performance hood on both Charger SRT Hellcat models gives this four-door sedan an even more sinister look.

"The magic of the Dodge Charger is that it delivers all the performance of a true American muscle car while also being able to deliver a family of four or five, day in and day out," said Tim Kuniskis, Global Head of Alfa Romeo and Head of Passenger Cars – Dodge, SRT, Chrysler and FIAT, FCA – North America. "The Charger is a big, comfortable, five-passenger sedan that can run the quarter-mile in the mid-10s, 0-60 in the mid 3s and reach a top speed of 203 mph (326 km/h), and be your daily driver."

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Dodge Charger Hellcat Redeye has the soul of the demon

Designed and engineered to appeal to muscle car enthusiasts who want even more — more power, more performance and more bragging rights at the drag strip — the heart of the new 2021 Dodge Charger SRT Hellcat Redeye comes from the limited-production 2018 Dodge Challenger SRT Demon. The supercharged 6.2-litre HEMI® high-output V-8 boasts 797 horsepower and 707 lb.-ft. of torque and is mated to a TorqueFlite 8HP90 eight-speed automatic transmission.

Internal changes to the transmission in the Charger SRT Hellcat Redeye include an upgraded torque converter. The Charger Redeye's torque converter delivers an 18 per cent increase in torque multiplication when compared with the standard Charger SRT Hellcat.

Like its Demon brethren, the Charger SRT Hellcat Redeye's engine has 25 major component upgrades, including a larger supercharger, strengthened connecting rods and pistons, high-speed valve train, fuel injection system and improved lubrication system.

Compared with the standard Charger SRT Hellcat engine, the Redeye features:

- Largest factory supercharger of any production car – 2.7 litres versus 2.4 litres
- Increased boost pressure: 14.5 psi versus 11.6 psi
- Higher rpm limit: 6,500 rpm versus 6,200 rpm
- Fuel: Two dual-stage fuel pumps versus one
 - At full throttle, the Dodge Charger SRT Hellcat Redeye consumes 5.4 litres/min (1.43 gal/min) of fuel – enough to drain the fuel tank in just under 11 minutes, yet is still rated at 22 miles per gallon (mpg) when driven in normal highway conditions
- Larger induction air box with three sources of intake air:
 - Functional, newly designed performance hood
 - Mail-slot grille opening
 - Air-box opening near wheel liner

Additional features from the Challenger SRT Demon that help the Charger SRT Hellcat Redeye achieve its status as the most powerful four-door muscle car:

- Torque Reserve delivers up to 3.9 psi of boost at launch and up to 55 per cent more engine torque
- Only factory production sedan with both SRT Power Chiller™ and After-Run Chiller
- High-strength steel prop shafts provide a 15 per cent increase in torque capacity
- 41-spline half shafts provide a 20 per cent increase in torque capacity

Distinctive Dodge//SRT design: Where form meets the ultimate function

The Charger SRT Hellcat Redeye is unmistakably Dodge, featuring the aggressive, planted Widebody, standard, with 8.8 centimetres (3.5 inches) of added width paired with its wider wheels and tires. New, wider 20-inch-by-11-inch Lightweight Carbon Black wheels ride on wide Pirelli 305/35ZR20 tires. The Pirelli 305/35ZR20 all-season performance tires are standard; three-season tires are also available.

Beyond its menacing stance, the newly designed performance hood on the Charger SRT Hellcat Redeye looks even more sinister and provides maximum air intake to the supercharged power plant from the functional hood scoop to boost power. This hood takes full advantage of the SRT Hellcat Redeye's air intake system and is sealed to the air box.

The front fascia on the Charger SRT Hellcat Widebody includes the mail-slot grille, providing for additional cool air to travel into the radiator to help maintain ideal operating temperature even in the hottest conditions. Side sills connect the front and rear fascias to help amplify the integrated design.

Beating the heat

Heat is the enemy of any high-performance powertrain, so Dodge//SRT designers and engineers looked for more ways to keep the intake air as close to the optimum temperature as possible.

One key to the engine's imposing power output is air – and plenty of it. The newly designed, functional performance hood on the SRT Hellcat and SRT Hellcat Redeye provides maximum air intake to the high-output supercharged power plant.

On the Charger SRT Hellcat Redeye, the new functional performance hood, mail slot grille opening and air box opening near the wheel liner all combine to give the high-output engine an 18 per cent greater air-flow rate than the SRT Hellcat engine (1,134 cubic feet per minute). At full power, this is the equivalent flow rate to 89 adults simultaneously emptying their lungs in 1 second.

The innovative, award-winning SRT Power Chiller™, standard on the Charger SRT Hellcat Redeye only, lowers the intake air temperature further, resulting in improved performance. It diverts the air-conditioning refrigerant from the cabin to a chiller unit mounted by the low-temperature circuit coolant pump. Charge air coolant, after being cooled by ambient air passing through a low-temperature radiator at the front of the vehicle, flows through the chiller unit, where it is further cooled. The chilled coolant then flows to the heat exchangers in the supercharger.

Race Cooldown, also an industry first, minimizes any heat soak effects, allowing the engine to stay in optimum operating temperature. When the engine shuts down, the Race Cooldown feature keeps the engine's cooling fan and low-temperature circuit coolant pump running to lower the supercharger/charge air cooler temperature. The driver can track the supercharger coolant temperature on the SRT Performance Pages in the 8.4-inch Uconnect touchscreen and know in real time when the supercharger is at the optimum temperature for another run. Race Cooldown was first featured on the Challenger SRT Demon in 2018 and became standard on the Charger SRT Hellcat in 2019.

2021 Charger SRT Hellcat lineup: More horses, expanded technologies and more features

From 717 to 797 horsepower, Dodge is delivering the most powerful Charger SRT Hellcat lineup ever for the 2021 model year.

Powered by the proven supercharged 6.2-litre HEMI Hellcat V-8 engine, the Charger SRT Hellcat ups the ante by increasing the shift points to 6,100 rpm in automatic mode, which yields a 10-horsepower boost, now delivering 717 horsepower and 650 lb.-ft. of torque.

The innovative, quick-shifting TorqueFlite eight-speed transmission is standard on all Charger models and provides optimized fuel economy while enabling maximum performance with 160-millisecond shifts and rev-matching on Charger SRT Hellcat and SRT Hellcat Redeye

All 2021 Charger SRT Hellcat models are loaded with standard performance features, including:

- **Adaptive Damping Suspension** — SRT-tuned Bilstein three-mode Adaptive Damping Suspension system includes: Auto mode = sporty but compliant ride; Sport mode = firm, maximum handling; Track mode = firm, maximum handling plus performance shifting and gear-holding feature
- **Braking system** — Braking power comes from the standard Brembo brake system with two-piece, 15.7-inch front rotors and six-piston front calipers for outstanding heat management, thermal capacity and longevity
- **Electric power steering (EPS)** — Electric power steering delivers better steering feel and ease of turning efforts at parking lot speeds. It can be calibrated to optimize steering effort for a variety of driving situations via settings in the SRT Performance Pages
- **Launch Assist** — Launched on the Challenger SRT Demon as a factory-production car first, Launch Assist helps resolve one of the biggest challenges to clean launches and driveline integrity – wheel hop, which happens when tires quickly slip and regain traction at launch, rapidly storing up and releasing energy in the driveline. These high torque spikes can quickly and severely damage driveline components, and up until now, the only solution was to back out of the throttle. Charger SRT Hellcat models use the wheel speed sensors to watch for signs that the tires are slipping/sticking. If hop is detected, the engine

control module momentarily reduces torque to maximize traction almost instantly – without the driver having to lift the throttle. Launch Assist reduces loads in the driveline from wheel hop by up to 20 per cent

- **Torque Reserve** — Becomes active once the engine speed passes 950 rpm. The system closes the bypass valve, “prefilling” the intake with boost, manages fuel flow to cylinders and manages spark timing to balance engine rpm and torque
- **Launch Control** — Holds the engine at optimal launch rpm and waits for the driver to release the brake. Launch Control then uses engine torque management to optimize wheel slip for maximum acceleration.
- **Line Lock** — Engages the front brakes to hold the Charger stationary but leaves the rear wheels free for a burnout to heat up and clean the rear tires. The system will also let the driver perform a controlled rolling burnout and can engage for up to 200 rear wheel revolutions
- **Larger induction air box** — Which is sealed to the new functional performance hood for a steady supply of cool outside air. The SRT Hellcat Redeye's air box includes an additional inlet near the wheel liner
- **SRT Drive modes** — Accessed via the 8.4-inch Uconnect touchscreen, drivers can tailor their experience by adjusting horsepower, transmission shift speeds, steering effort, paddle shifters, traction and suspension settings. SRT Drive modes offer selectable settings for Street (Auto), Sport and Track. There is also a Custom setting for the driver to select individual preferences
- **SRT Performance Pages** — Brings critical vehicle performance data to the driver's fingertips, including a real-time dyno graph, g-force heat map and much more

With all of these features, the 2021 Charger SRT Hellcat lineup delivers improved performance numbers and a faster quarter-mile time.

Charger SRT Models	1/4-mile elapsed time/speed	Top Speed
Redeye Widebody	10.6 seconds @ 208 km/h (129 mph)	327 km/h (203 mph)
Hellcat Widebody	10.96 seconds @ 201 km/h (125 mph)	315 km/h (196 mph)

Race-inspired, high-performance interior

The 2021 Charger SRT Hellcat lineup features standard Laguna leather seats with an embossed SRT Hellcat logo. With the Alcantara Appearance Package, the Laguna leather seats add Alcantara and also feature embossed SRT Hellcat logo.

Complementing the race-inspired cockpit are silver seat and console stitching, Light Black Chrome accents and a Gunmetal SRT Hellcat instrument panel badge.

The 2021 Charger SRT Hellcat Redeye has several unique interior features, including:

- SRT Hellcat Redeye logo splash screen
- Light Black Chrome instrument panel badge with SRT Hellcat Redeye logo
- SRT Hellcat Redeye logo on the key fobs

The Carbon & Suede Package available on Charger SRT Hellcat Redeye, SRT Hellcat, Charger Scat Pack 392 and Charger R/T models adds real carbon fibre accents to the instrument panel and console bezels and Dinamica suede headliner, sun visors and A-pillars.

2021 Dodge Charger lineup: Full range of performance-driven engine options

The SRT models create the halo for the entire 2021 Dodge Charger lineup, which offers a full range of powerful engine options designed to meet the wants and needs of a wide range of Dodge performance enthusiasts looking for a sedan. In addition to the new Charger SRT Hellcat Redeye with its 797-horsepower supercharged 6.2-litre HEMI high-output V-8, the Charger lineup includes:

- The supercharged 6.2-litre HEMI Hellcat V-8 engine on the Charger SRT Hellcat returns with output at 717 horsepower and 650 lb.-ft. of torque
- The 392 cubic-inch HEMI V-8 engine in the Charger Scat Pack 392 boasts a best-in-class naturally aspirated 485 horsepower and 475 lb.-ft. of torque
- The legendary 5.7-litre HEMI V-8 on the Charger R/T offers 370 horsepower and 395 lb.-ft. of torque
- The award-winning 3.6-litre Pentastar V-6 delivers:

- Up to 300 horsepower and 264 lb.-ft. of torque is standard on Charger SXT AWD, GT and GT AWD models thanks to a unique cold-air induction system, sport-tuned exhaust and engine calibration
- Standard 292 horsepower and 260 lb.-ft. of torque on SXT RWD

The Charger is unrivaled when it comes to sheer horsepower, available all-weather capability on V-6 models, overall interior roominess, performance options and packages, and unique heritage design cues that Dodge//SRT customers count on in the world's only four-door muscle car.

Signature Dodge colours and customization options available across the Charger lineup

In addition to the wide variety of wheels and wheel finishes, exterior colour and interior options, Dodge offers a variety of appearance packages to give customers more factory-custom options. Charger SRT Hellcat and SRT Hellcat Redeye buyers can order dual-centre, full-length, exterior stripes covering the front and rear fascias, roof, deck lid in Red, Blue, Silver, Gunmetal Grey or Carbon. The Satin Black Appearance Package, available on Charger SRT Hellcat Redeye, SRT Hellcat and the Charger Scat Pack 392, adds a hand-painted Satin Black hood, roof, decklid and spoiler, enhancing the Charger's sinister look.

Dodge Charger customers have a wide array of exterior colours and stripes from which they can choose to customize their four-door muscle car. Thirteen different exterior colours and a wide variety of interior trim selections, including:

- F8 Green
- Frostbite
- Go Mango
- Granite Crystal
- Hellraisin
- IndiGo Blue
- Octane Red
- Pitch Black
- Sinamon Stick
- Smoke Show
- TorRed
- Triple Nickel
- White Knuckle

Available Interior Colours:

- Black
- Black/Caramel
- Black/Demonic Red
- Black/Houndstooth
- Black/Ruby Red
- Black/Sepia

FCA Canada

Founded as the Chrysler Corporation in 1925, FCA Canada Inc. is based in Windsor, Ontario, and celebrates its 97th anniversary in 2022. FCA Canada is a wholly owned subsidiary of FCA, a North American automaker based in Auburn Hills, Michigan and member of the Fiat Chrysler Automobiles N.V. (FCA) family of companies. FCA Canada has approximately 440 dealers that sell Chrysler, Dodge, Jeep®, Ram, FIAT and Alfa Romeo products, as well as SRT performance products. The company also distributes Mopar and Alfa Romeo parts and accessories. In addition to its assembly facilities, which produce the Chrysler Pacifica, Chrysler Pacifica Hybrid, Chrysler Voyager and Chrysler Grand Caravan (Windsor) and Chrysler 300, Dodge Charger and Dodge Challenger (Brampton), FCA Canada operates an aluminum casting plant in Etobicoke, a research and development centre in Windsor, and has sales offices and parts distribution centers throughout the country.

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