



Viper & Viper GTS OVERVIEW

2014 SRT Viper & SRT Viper GTS **OVERVIEW**

Chrysler Canada: 2014 SRT Viper: Flagship Performance Machine of SRT Brand

Power and performance, superior craftsmanship, newest technologies and creature comforts comprise the iconic supercar and flagship of Chrysler Group LLC's SRT (Street and Racing Technology) brand

- Fifth generation of Viper includes two models designed for true performance enthusiast: SRT Viper and SRT Viper GTS
- New for 2014 is a wider array of exterior colours and stripes for additional customer personalization
- New for 2014 is "Rain Mode" as part of expanded electronic multistage stability control joining other standard safety features including, traction control and four-channel Anti-lock Brake System (ABS)
- All-aluminum, 8.4-litre mid-front V10 engine delivers 640 horsepower (hp) and 600 lb.-ft. torque – most torque of any naturally aspirated sports-car engine in the world
- Triple-digit weight reduction versus previous generation model (2010 model year) contributes to best power-to-weight ratio of any Viper ever
- Chassis enhancements boost torsional stiffness by 50 per cent over previous generation model (2010 model year)
- SRT Viper GTS model adds driver-selectable, two-mode suspension system for street or track use
- Innovative interiors offer premium materials, newest technologies and impeccable craftsmanship
- Timeless exterior incorporates iconic Viper styling cues with a contemporary execution
- Carbon-fibre and aluminum skin sculpted for high-speed stability

Following its long-awaited return to the high-performance sports-car market in 2013, the 2014 SRT Viper lineup continues the evolution of the iconic supercar.



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The performance numbers that have been synonymous with Viper throughout its history continue with the 2014 SRT Viper models:

- Top speed = 330 km/h (206 mph)
- 0-100 km/h (0-60 mph) acceleration = low 3-second range
- 400 metre (quarter-mile) elapsed time = mid 11-second range
- 0-160-0 km/h (0-100-0 mph) elapsed time = less than 12 seconds
- Braking distance from 100-0 km/h (60-0 mph) = 32 metres (106 feet)
- Coefficient of drag (Cd) = .369¹

Two models equal enough for any performance buyer

Two models of the iconic supercar are hand-built at the Conner Avenue Assembly Plant in Detroit, Michigan, U.S.A – the Viper's home since 1995. Both SRT Viper and SRT Viper GTS models offer interior and exterior designs incorporating premium materials and exterior surfaces with aerodynamically functional details that are beautifully integrated into the high-tech carbon fibre and aluminum skin. On the inside, designers and engineers have enhanced all its touch points and upgraded all its material appointments and technologies.

The SRT Viper blends world-class levels of pride, quality and hand-built craftsmanship, while retaining the extreme and iconic core performance capabilities of what has become the DNA of the Viper.

The SRT Viper GTS builds on the DNA of the SRT Viper model with more technologically advanced solutions, like its driver-selectable suspension system that allows this world-class car to find extreme limits on the track while also opening up its envelope as a more mature evolution of the classic, extreme performance formula.

Designed and built with premium features and materials inside and out, the Viper GTS models compete with the best performance touring cars in the world – and does so with a wide range of creature comforts, advanced drivetrain and interior technologies.

For the Viper owner who wants the ultimate sinister look, also new for 2014 is the Anodized Carbon Edition Package developed for the GTS model. Exclusive content includes: Matte paint finish, carbon fibre front and rear brake ducts, and rear applique, exterior Gloss Black GTS badge, Satin Black exhaust bezels, Satin Black fuel filler cap, Alcantara headliner, Gunmetal door bezels, interior carbon fibre accents, unique instrument panel badge, orange interior stitching, orange brake calipers with Black Viper decals and 5-spoke "Rattler" wheels with unique Black Vapor Chrome finish.



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Awe-inspiring V10 powertrain

The heart and soul of the 2014 SRT Viper is its venerable, handcrafted, all-aluminum 8.4-litre, mid-front V10 overhead-valve engine, featuring an ultra-high-flow, lightweight composite intake manifold; high-strength, forged pistons; sodium-filled exhaust valves; exhaust system catalysts to ease backpressure and an aluminum flywheel that reduces reciprocating losses. Approximately 11.3 kg (25 lb.) have been shaved from the fully dressed engine compared to the previous generation model (2010 model year).

Performance ratings for the SRT-engineered V10 Viper are 640 horsepower (hp) and 600 lb.-ft. of torque – the most torque of any naturally aspirated sports-car engine in the world.

The Tremec TR6060 six-speed manual transmission features close gear ratios and a final-drive ratio of 3.55. Short shifter throws make the 2014 SRT Viper models extremely engaging to drive. Its top speed of 330 km/h (206 mph) is achieved through 6th gear with maximum engine speed (redline) at 6,200 rpm¹.

Outstanding ride, handling and capability

Starting with a stiffer structure that provides 50 per cent more torsional rigidity than the previous generation (2010 model year), the 2014 SRT Viper chassis benefits from numerous enhancements – many learned through racing efforts with Viper GTS-R, Competition Coupe and ACR-X models.

In addition to the aluminum x-brace under the hood that ties the suspension pickup points to the magnesium cowl super casting, an aluminum impact beam at the front of the car contributes 50/50 weight distribution, while providing excellent crashworthiness. This also benefits torsional rigidity and stiffness.

Structurally, many reworked chassis components take advantage of new materials able to accommodate reduced thickness and complex shapes without compromising structural rigidity. The result is an overall weight savings of approximately 45 kg (100 lb.) versus the previous generation (2010 model year).

The SRT Viper includes a single mode, high performance suspension while the GTS model adds a driver-selectable suspension system featuring Bilstein® DampTronic Select shock absorbers with street and track settings.

SRT Viper models ride on standard Pirelli® P Zero, Z-rated tires with outstanding grip, steering feel and cold-weather performance, regardless of road surface – while also broadening the performance envelope on the street or the track.



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Standard safety technologies include electronic multi-stage stability control and traction control which helps to maximize traction performance at virtually any speed and driving environment.

2014 Viper GTS models feature a steering-wheel-mounted switch for the launch control, allowing for optimal acceleration from standing starts.

Shock dampers, springs and road racing derived stabilizer bars have been retuned for optimal on-track performance. The standard aluminum structural X-brace is made with light carbon fibre and effectively ties the four corners of the engine compartment together.

For 2014, the ultra-lightweight multi-spoke Sidewinder II wheels are available with either the standard Pirelli P Zero tires or the high-performance Pirelli P Zero Corsa "racing-type" compound tires.

Benchmark braking

Brake performance for the 2014 SRT Viper is engineered to provide shorter stopping distances, better modulation, improved durability and balanced brake performance without fading under extreme conditions.

Each corner features four-piston Brembo® brakes with fixed-aluminum calipers and vented rotors boasting a diameter of 355 mm by 32 mm. Brake calipers are forged. All surfaces are machined for full weight optimization. The calipers are among the stiffest available. Heat distortion is nearly eliminated, even under the most demanding braking conditions.

Lightweight and slotted two-piece rotors from StopTech are standard on the SRT Viper GTS models for 2014.

Premium materials, craftsmanship and technologies

The driver-oriented interior cabins of all 2014 SRT Viper models feature superior craftsmanship, premium material appointments and performance-oriented technologies.

All major interior surfaces are sewn and wrapped with additional padding applied in comfort areas. On the Viper GTS model, Nappa leather wrapped surfaces surround the cabin and seat inserts are made of Alcantara. Accent colours are applied to the seats, doors, centre console and stitching.

Quality fit and finish is showcased across the lineup by details such as the triple paint-finished gun-metal appliqués on the cluster bezel, HVAC outlets, window-switch bezels, shifter base, park-brake bezel and the integrated passenger grab-handle on the centre console.



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Standard high-performance racing seats from Sabelt feature a lightweight shell created by a state-of-the-art resin transfer-moulding technology for mass reduction and long-term durability. Both driver and passenger enjoy thigh support and deep side-bolsters designed to match the extreme lateral acceleration capabilities of the SRT Viper.

Seating positions provide ample room and performance-driving ergonomics. Seat travel stretches 90 mm overall for numerous seating options. Seat height also can be adjusted by up to 40 mm – manually on the SRT model and power-controlled on the GTS.

A 7-inch, full-colour, reconfigurable in-cluster display – with its full-time analog tachometer – is designed specifically for the SRT Viper.

The dominant centre tachometer display features an animated readout that glows red and shows off the new “Stryker” logo when engine rpm approaches redline, safely alerting the driver to upshift.

Drivers can configure the tachometer to display their last shift point and a peak rpm hold marker can be set up for optimum performance. Views include tachometer-only or tachometer with digital speed readout.

The customizable instrument cluster provides an unmatched presentation of the exclusive SRT Performance Pages’ statistics and feedback to the driver, including 0-to-100 km/h; 0-to-160 km/h; 200-metre and 400-metre elapsed times; braking distance; instant g-force measurement readouts and top-speed performance. The 8.4-inch Uconnect™ radio doubles as a display for SRT performance pages content. Data also can be stored for future reference.

Uconnect multimedia centres

The 2014 SRT Viper lineup features two Uconnect™ multimedia centres. Viper customers can choose between the Uconnect™ – Uconnect™ 8.4A or Uconnect™ 8.4AN systems – which provide a range of communications, entertainment and navigation features along with an easy-to-use interface that includes steering-wheel controls, touchscreen, hands-free communication technology and traditional buttons. The system balances the convenience of an 8.4-inch touchscreen with the reassurance of tactile knobs for common functions such as radio tuning volume adjustment. A menu of touchscreen buttons along the bottom of the screen enable easy access to the radio, media, climate controls, navigation (when equipped), and phone.

SRT Viper’s available navigation system affords the use of continuous, single-sentence instructions, such as: “Navigate to 1 Riverside Drive West, Windsor, Ontario.”



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Once behind the wheel, its sculpted contours welcome a driver's grip. The steering wheel also is home to a host of fingertip mounted controls for audio, Uconnect™ features and launch control.

SiriusXM Satellite Radio is standard on both Uconnect™ systems and includes over 120 commercial-free entertainment, news, sports and talk stations.

SRT Viper features a 9-speaker harman/kardon surround-sound system, SRT Viper GTS has a 12-speaker harman/kardon high performance sound system and both models can be upgraded to the 18-speaker system. This optional system includes four subwoofers located behind the seats, and exclusive Logic 7 surround-sound processing. All harman/kardon audio systems include a high-voltage class D amplifier with tracking power supply and up to 12 channels of amplification. All harman/kardon systems in the 2014 SRT Viper lineup include high-performance, high-efficiency GreenEdge technology loudspeakers that are extremely light and include rare earth magnets. The magnets inside each speaker ensure efficient speaker operation and enhanced performance. The audio system is powered by a 35-volt tracking power supply.

Refined evolution of SRT's hallmark – aggressive and functional exterior designs

The timeless exterior design of the 2014 SRT Viper lineup blends contemporary execution with evolutionary refinement.

Carbon-fibre hood, roof, deck-lid and aluminum door panels result in significant weight savings generation, high-speed stability and a .369 drag coefficient while still achieving negative lift.

The forward-hinged hood offers unobtrusive access to several service points underneath. Six standard air extractors on the SRT model (available on GTS model) or two standard air extractors on the GTS model remove heat from the SRT-engineered V10 powerplant. The "Stryker" badge is positioned in the centre of the hood in front of the air intake.

The classical low-stance, extreme cab-rearward proportions, and dramatic fender "gills" – another traditional Viper design cue that also helps to extract heat from the engine compartment comprise the unmistakable silhouette of the iconic supercar.

The 2014 SRT Viper models feature a contemporary take on the traditional "double-bubble" roof configuration that maximizes headroom for the driver and passenger while maintaining a low frontal area – allowing additional room for helmets during recreational competitive driving.



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The optional exterior carbon fibre package includes carbon fibre brake ducts located in the front grille opening, carbon fibre rear brake ducts behind the side glass, and a carbon fibre rear applique.

The optional advanced aerodynamics package features carbon fibre front corner splitters and a carbon fibre rear spoiler which provides 280 lb. of downforce at 241 km/h (150 mph) and 460 lb. of downforce at top speed¹.

Dual-function, bi-xenon projector headlamps are tightly packaged with white light-emitting diode (LED) daytime running lamps and LED turn signals in a sinister “snake eye” configuration.

Functional “blisters” incorporated into the 70 mm projector headlamp lenses create a three-dimensional view that gives SRT Viper a distinctive glare.

The lower-front grille is purposefully designed as an evolution of the traditional Viper low-profile cooling opening configuration and discretely carries a refined V-shape structure.

The exhaust system continues to exit forward of the rear wheels and now carries further refinement with cast aluminum, sill-mounted exhaust bezels.

Both 2014 SRT Viper models carry LED tail lamps that integrate stop-and-turn illumination in one element. Snakeskin texture in the lens carries the surface work seen in the gills and hood textures. With dark-masked lenses, the horizontal lamps appear dark until the LED elements fire. Each lamp carries 50 LEDs that provide a unified “crystallized” illumination effect.

The five-spoke, forged-aluminum “Rattler” wheel design on the 2014 SRT Viper is available with fully polished (standard), fully painted Hyper Black or fully painted Matte Black finishes.

The Viper GTS has a split six-spoke forged-aluminum “Venom” wheel design with three available finishes, including polished face with Graphite-painted pockets (standard), fully painted Hyper Black or fully painted Matte Black.

The available Sidewinder II wheels are ultra-lightweight, track-ready wheels in Hyper Black or Matte Black finishes.



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Exterior colour choices for 2014 consist of the following:

- SRT model: Adrenaline Red, Billet Silver (new for 2014) Venom Black, Viper White, Gunmetal Pearl, Race Yellow and Viper GTS-R Blue (replaces Shadow Blue Pearl);
- GTS model: Adrenaline Red, Billet Silver, Venom Black, Bright White, Gunmetal Pearl, Race Yellow and Viper GTS-R Blue (replaces Shadow Blue Pearl) along with Stryker Red and Anodized Carbon (new for 2014)

Two distinctive body stripe configurations are offered. The SRT Viper is available with a pair of tapered stripes starting on the clamshell hood and making their way onto the roof and finishing on the rear hatch. The SRT Viper GTS model is available with a pair of wide stripes running the length of the coupe from front to rear fascia.

Both stripe configurations are expertly applied in the paint booth before the main body-colour. Only after the paint is cured, a final clear coat is used to ensure the stripes are an integral part of the finished product.

Exterior stripe colour packages include: Black Venom, Billet Silver, Bright White, Gunmetal Pearl and new for 2014 Adrenaline Red.

About SRT

The Chrysler Group's SRT (Street and Racing Technology) 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 2014 SRT lineup features five vehicles that are world-class performance contenders and bring the latest in safety technologies and creature comforts. The Chrysler 300 SRT, Challenger SRT 392, Charger SRT and Jeep® Grand Cherokee SRT join the flagship SRT Viper, which made its highly anticipated return to the high-performance sports car market in 2013.

About Chrysler Canada Inc.

Founded as the Chrysler Corporation in 1925, Chrysler Canada Inc. is based in Windsor, Ontario, and celebrates its 88th anniversary in 2013. Chrysler Canada's product line-up features some of the world's most recognizable vehicles, including the Dodge Grand Caravan, Jeep® Wrangler, Chrysler 300, SRT, Viper and Ram trucks.



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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.



Obey the rules of the road. Drive Responsibly.¹