

2016 Dodge Viper OVERVIEW

FCA Canada: Dodge Viper Powers into 2016 with New ACR Model, Expanded Custom Options and Industry-Exclusive Colours

- **New 2016 Dodge Viper ACR (American Club Racer) model returns; fastest street legal Viper track car ever**
- **New matte-finish exterior colour options double the Viper's custom "1 of 1" exterior paint options to 16,000 colours and more than 50 million unique build configurations for the ultimate in model year exclusivity**
- **Now more than 48,000 unique stripe combinations across the lineup, for a truly one-of-a-kind hand built American supercar**
- **New high-impact, show-car quality exterior colour – Stryker Purple – now available on 2016 GTC model, and introduction of Stryker Orange on ACR model**
- **ACR now available through the GTC program creating the ultimate "1 of 1" street legal track car**

The Dodge brand will continue electrifying the performance car world in 2016 with its flagship, hand-built American supercar.

Not only is the new Dodge Viper ACR (American Club Racer) back in the lineup as the ultimate track car, Dodge is also expanding the Viper's exclusive production elements like never before.

With the introduction of matte-finish exterior paint, the 2016 Viper is now offered in more than 50 million unique build configurations, made up from the more than 16,000 unique paint colour options and more than 48,000 unique stripe combinations. Now more than ever, Viper customers have the ability to choose a truly one-of-a-kind hand built American supercar.

Fastest street-legal Viper track car ever

The Viper ACR returns in 2016, prepared to honour its long-standing legacy as the ultimate street-legal track car through significant aerodynamic and suspension upgrades.

Originally introduced in 1999 and last available for the 2010 model year, the Dodge Viper ACR has a long-standing legacy as the ultimate street-legal track car for club racing. The new 2016 model honours that performance legacy with significant aerodynamic and suspension upgrades, new Brembo Carbon

Ceramic Matrix brakes with six-piston front calipers and Kuhmo high-performance tires specifically designed for the ACR. Standard equipment highlights include:

- Ultimate stopping performance combined with unprecedented brake fade resistance through ACR-exclusive Brembo Carbon Ceramic Matrix 381 mm (15 inch) two-piece rotors and six-piston front calipers
- Unique track suspension features 10-setting, double-adjustable, Bilstein coil-over racing shocks and unique race alignment delivering up to 76 mm (3 inches) of suspension height adjustment for fine-tuning corner weight
- Latest race tire compound technology with massive street legal Kumho Ecsta V720 high-performance tires (295/25/19 front, 355/30/19 rear), designed and developed specifically for the 2016 Dodge Viper ACR, delivers laps times that are 1.5 seconds faster than track only race tires
- Combination of suspension, aero treatment and ACR-specific tires delivers sustainable 1.5 g cornering during high-speed turns
- Lightweight battery, lightweight carpet, minimal three speaker audio and manual seats designed to manage weight and maintain optimal 50/50 weight distribution
- Powered by iconic, hand-built 8.4-litre V10 engine rated at 645 horsepower (hp) and 600 lb.-ft. of torque – the most torque of any naturally aspirated sports-car engine in the world
- Unique Alcantara hand-crafted interior to assist driver stability under high G-loading features iconic “ACR” dash badge and accent stitching
- Optional ACR Extreme Aero Package (late availability) delivers nearly 907 kg (1 ton) of peak downforce at top speed through massive, adjustable, dual-element carbon fibre rear wing, rear carbon fibre diffuser, unique SRT hood with removable louvers, detachable extension for the front splitter and additional dive planes

More than 50 million unique build configurations = truly exotic, one-of-a-kind snake

For 2016, the Dodge Viper GTC is available in more than 50 million unique configurations with the introduction of matte-finish paint across all exterior colours and stripes. Customers can choose from more than 16,000 unique paint colours and more than 48,000 unique stripe combinations from the “1 of 1” customization program, for a truly one-of-a-kind hand built American supercar.

Customers can also choose the matte finish option on all 11 additional production colours, including Adrenaline Red, Billet Silver Metallic, Black Venom, Bright White, Ceramic Blue, Competition Blue, GTS-R Blue, Gunmetal Pearl, Stryker Orange, Stryker Purple and Yorange.

All 2016 Dodge Viper models are available with stripes. GTC, GTS, and ACR models offer optional “GTS” stripes that run the length of the coupe from the front to rear fascia. GTC models are available with “SRT” stripes starting on the clamshell hood and making their way onto the roof and finishing on the rear hatch. Viper GTC and ACR models are available with the ACR centre band and driver’s side stripe.

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

Exterior stripes are offered in: Black Venom, Billet Silver, Bright White, Gunmetal Pearl and Adrenaline Red or from the custom “1 of 1” colour palette.

Each 1 of 1 GTC model Viper features a personalized instrument panel badge with the customer’s chosen name to commemorate their exclusive design.

Stryker Orange and Purple add to Viper’s vast exterior colour palette for 2016

Available on the 2016 Viper GTC and ACR models, new Stryker Orange expands the world-class exterior colour palette with enhanced pigments that add depth to the finish and reflections to show off the dramatic curves of the Viper. Stryker Purple is available on Viper GTC only.

Hand-painted process brings exclusive flexibility

The Dodge Viper’s unique hand-painted process enables the flexibility to deliver industry-first custom paint options that offer unequal personalization while meeting the latest industry durability standards.

Each Viper has an extremely high quality level paint finish that ranks as one of the best in the industry. It takes between 145 to 160 man hours to prep and hand-paint the Viper body panels. After paint and clear coat, every Viper body panel is sanded smooth by hand with 1,000 grit paper and polished to a near mirror finish.

The individuals who paint the Viper are truly specialized artisans. The application of the exterior paint is a detailed and intricate process, taking approximately eight hours to complete. The process starts with a base colour coat followed by a tinted mid-coat and topped off with a clear finish. Each coat application adds depth and accentuates the curvature of the Viper’s exterior design.

Nose to tail stripes are also hand painted and finished underneath the clear coat, unlike most cars that use decals. This results in a completely smooth surface with no discernable edges to the stripe. A stripe adds 18 hours to the overall paint process.

As a result of this unique hand-painted process, Viper is able to offer an industry-exclusive matte finish across its full colour palette.

Awe-inspiring V10 powertrain

The heart and soul of the 2016 Dodge Viper is its legendary, 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.

Power output of the SRT-engineered V10 is 645 hp and 600 lb.-ft. torque – the most torque of any naturally aspirated sports-car engine in the world.

Approximately 11 kg (25 lb.) have been shaved from the fully dressed engine compared with the previous-generation model (2010 model year).

The TREMEC TR6060 six-speed manual transmission features close gear ratios and a final-drive ratio of 3.55. Short shifter throws make the 2016 Dodge Viper models extremely engaging to drive. Its top track speed of 332 km/h (206 mph) is achieved through 6th gear with maximum engine speed (redline) at 6,200 rpm.

Outstanding ride, handling and capability

Starting with a stiffer structure that provides 50 per cent more torsional rigidity than the previous generation model, the 2016 Dodge 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 to 50/50 weight distribution, while providing excellent crashworthiness. This also benefits torsional rigidity and stiffness.

Structurally, many 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 model.

The Dodge Viper GTC and GTS models include a driver-selectable suspension system featuring Bilstein DampTronic Select shock absorbers with street and track settings. The new ACR features a unique track suspension with 10-setting, double-adjustable, Bilstein coil-over racing shocks and unique race alignment delivering up to 76 mm (3 inches) of suspension height adjustment for fine-tuning corner weight.

Dodge Viper GTC and GTS 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. The new ACR rides on the latest race tire compound technology with massive Kumho Ecsta V720 high-performance tires (295/25/19 front, 355/30/19 rear), designed and developed specifically for the 2016 Dodge Viper ACR.

Standard safety technologies include multistage Electronic Stability Control and Traction Control, which helps to maximize traction performance.

All 2016 Dodge Viper models feature a steering-wheel-mounted switch for the standard launch control, allowing for optimal acceleration from standing starts.

Aerodynamic performance to the maximum

The optional Advanced Aerodynamics Package, TA 1.0 Package and Time Attack Group 1.0 include carbon fibre front corner splitters and a carbon fibre rear spoiler, which provide 126 kg (278 lb.) of downforce at 241 km/h (150 mph) and 209 kg (460 lb.) of downforce at top speed.

The optional TA 2.0 Package and Time Attack Group 2.0 feature lower dive planes, carbon fibre front corner splitters and a larger rear wing, which provide 181 kg (400 lb.) of downforce at 241 km/h (150 mph) and 300 kg (662 lb.) of downforce at top speed.

The Viper ACR sports a rear wing that is 40 per cent larger than the TA 2.0. For maximum downforce, the optional ACR Extreme Aero Package with its larger, adjustable dual-element carbon fibre rear wing, rear carbon fibre diffuser, unique SRT hood with removable louvers, detachable extension for the front splitter and additional dive planes all add up to produce unprecedented peak downforce numbers of nearly 907 kg (1 ton) at top speed.

Benchmark braking

Brake performance for the 2016 Dodge Viper is engineered to provide short stopping distances, low modulation, outstanding durability and balanced brake performance without fading under extreme conditions.

Each corner of every Viper features four-piston Brembo brakes with fixed aluminum calipers and vented rotors boasting a diameter of 355 x 32 mm (14.0 x 1.26 inches). 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 Dodge Viper GTC and GTS models for 2016.

Four available equipment packages (TA 1.0, TA 2.0, Time Attack 1.0 and Time Attack 2.0) feature a Brembo brake system with unique, slotted, vented high-thermal calipers and two-piece, wide annulus rotors and pads, to increase thermal capacity and optimize heat dissipation providing improved extreme use.

The new ACR features standard Brembo Carbon Ceramic Matrix brakes with 15-inch two-piece rotors and six-piston front calipers, which deliver ultimate stopping performance with unprecedented brake fade resistance.

Race-inspired, high-performance interiors

The driver-oriented interior cabins of all 2016 Dodge Vipers 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.

Standard on the Viper GTS model, Nappa leather-wrapped surfaces surround the cabin; Laguna leather seats and an Alcantara headliner are standard. Accent colours are applied to the seats, doors, centre console and stitching, including black and two-tone combinations of Sepia and black, and a Demonic Red and black combination.

Also available on the GTC model is a fully wrapped premium Laguna leather interior in all black, all Sepia or all Demonic Red resulting in a luxurious full-dipped look.

Standard on the Viper ACR and optional on the GTC are high-grip Alcantara leather seats in black with either Header Red or silver accent stitching, Alcantara wrapped steering wheel, ACR badge, Alcantara door trim panels with laser etched race-flag design and Moroccan sun interior bezels.

Quality fit and finish is showcased across the lineup with 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.

An optional Interior Carbon Fibre Accents Package, which includes carbon fibre trim on the steering wheel, door trim and switches, instrument cluster, panel vents, grab handle, console shifter and centre stack bezel, is also available.

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 Dodge Viper.

Seating positions provide ample room and performance-driving ergonomics. Seat travel stretches 90 mm (3.5 inches) overall for numerous seating options. Seat height also can be adjusted by up to 40 mm (1.6 inches) – manually on the ACR, while power-controlled on GTC and GTS models.

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

The dominant centre tachometer display features an animated readout that glows red and shows off the “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 reconfigurable digital cluster provides an unmatched presentation of the exclusive SRT Performance Pages’ statistics and feedback to the driver, including 0-to-100 km/h (0-60 mph); 0-to-160 km/h (0-100 mph); eighth- and quarter-mile elapsed times; launch control; braking distance; instant g-force measurement readouts and top-speed performance.

The 8.4-inch touchscreen Uconnect[®] multimedia centre doubles as a display for SRT Performance Pages content, such as quarter-mile elapsed time and speed. Data also can be stored for future reference.

Uconnect provides new level of connectivity

For 2016, Uconnect is introducing new features that include the all-new Drag and Drop menu bar, Siri Eyes Free and Do Not Disturb features, all of which can be controlled via the 8.4-inch touchscreen.

- **Drag and Drop Menu Bar:** Dodge Viper owners now have the ability to personalize their dashboard to fit their lifestyle and have one-button access to the features and services they value most. Drivers now can simply drag their favourite feature or service icon from the apps menu and move them to their Uconnect system's main menu bar.
- **Do Not Disturb:** Viper owners who prefer not be interrupted with phone calls or text messages while driving can choose to turn on the new "Do Not Disturb" and "Reply with Text Message" feature. Located within the Uconnect system's phone screen, once enabled with a push of button or via voice command, the Do Not Disturb icon will route all incoming mobile calls to voicemail and suppress text messages. If the Viper owner chooses to enable the Do Not Disturb feature, they also have the ability to send a default or customized response once a call or text message is received.

Aggressive and functional exterior designs

The timeless exterior design of the 2016 Dodge Viper lineup blends contemporary execution with evolutionary refinement.

Carbon-fibre hood, roof, decklid and aluminum door panels result in significant weight savings, 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 Viper ACR model (available on GTC) or two standard air extractors on the GTC, and GTS models remove heat from the SRT-engineered V10 engine. 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 2016 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.

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.

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.

LED taillamps integrate stop-and-turn illumination in one element to provide a unified “crystallized” illumination effect.

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 class-exclusive dual side exhaust system carries further refinement with cast-aluminum, sill-mounted exhaust bezels.

The five-spoke, forged-aluminum “Rattler” wheel design on the 2016 SRT model is available in polished (standard), Hyper Black, Matte Black or Black Vapor Chrome finishes.

The split six-spoke forged-aluminum “Venom” wheel design is available with three finishes, including polished, Hyper Black or Matte Black.

The available Sidewinder II wheels are lightweight, track-ready wheels in Hyper Black or Matte Black finishes. The newly designed ACR wheel is available in Gloss Black or Brass Monkey finish.

Warranty

The 2016 Dodge Viper SRT is backed by a 3 year / 60,000 km fully transferable Powertrain Limited Warranty. Basic Warranty coverage is 3 years / 60,000 km.

Manufacturing

Dodge Viper is hand built exclusively at the FCA US LLC Conner Avenue Assembly Plant in Detroit, Michigan.

About FCA Canada

Founded as the Chrysler Corporation in 1925, FCA Canada Inc. is based in Windsor, Ontario, and celebrates its 90th anniversary in 2015. FCA Canada Inc. is a wholly owned subsidiary of FCA US LLC, a member of the Fiat Chrysler Automobiles N.V. (FCA) family of companies. FCA Canada has approximately 440 dealers and markets Chrysler, Jeep, Dodge, Ram and FIAT brands as well as the SRT performance vehicle designation. The company also distributes the Alfa Romeo 4C model and Mopar products. In addition to its assembly facilities, which produce the Chrysler Town & Country, Dodge Grand Caravan (Windsor), Chrysler 300, Dodge Charger and Dodge Challenger (Brampton),

FCA Canada operates an aluminum casting plant in Etobicoke, a research and development center in Windsor, and has sales offices and parts distribution centers throughout the country.

FCA, the seventh-largest automaker in the world based on total annual vehicle sales, is an international automotive group. FCA is listed on the New York Stock Exchange under the symbol “FCAU” and on the Mercato Telematico Azionario under the symbol “FCA.”

