

VIPER 12

# PERFORMANCE



# MOPAR PERFORMANCE TERMS AND CONDITIONS



## NOTICE

Federal and many state laws prohibit the removal, modification or rendering inoperative of any part or element of design affecting emissions or safety on motor vehicles used for transporting persons or property on a public street or highway. Violation may result in a fine of up to \$32,500 per vehicle. Mechanical and/or electronic performance parts listed in this catalog with a "1" cannot be used on vehicles used on public streets or highways.

These parts may be used only on vehicles used solely in sanctioned off-highway events. No other applications are intended or implied. Those parts that have been granted an exemption by the California Air Resources Board (CARB) or meet the EPA requirements of memorandum 1A are legal for highway use in California, New York, and Massachusetts and are noted as such.

## NO PARTS WARRANTY – "AS IS"

Mopar Performance parts beginning with a "P" prefix are sold "as is" unless otherwise noted. This means that parts sold by Mopar Performance carry no warranty whatsoever. Implied warranties, such as warranties of merchantability, are excluded. (An implied warranty of merchantability means that the part is reasonably fit for the general purpose for which it was sold). The entire risk as to quality and performance of such parts is with the buyer. Should such parts prove defective following their purchase, the buyer and not the manufacturer, distributor or retailer, assumes the entire cost of all necessary servicing or repair. Chrysler, Jeep®, Dodge and Ram vehicle and parts warranties are voided if the vehicle or parts are used for competition. The addition of performance parts does not by itself void a vehicle's warranty. However, added performance parts (parts not originally supplied on the vehicle from the factory) are not covered by the vehicle's warranty, and any failure that they may cause is also not covered by the vehicle's warranty.

## MOPAR PERFORMANCE CRATE ENGINE 90-DAY LIMITED WARRANTY

Mopar Performance Crate Engine Assemblies not used in competition are warranted for "parts only," AS DELIVERED against defects in materials or workmanship for 90 days from the date of purchase. The following parts, if defective, will be replaced on an exchange basis for 90 days: engine blocks and all internal parts; cylinder head assemblies; intake manifold; core plugs; valve covers; oil pan; timing gear; water pump; gaskets and seals. See your dealer for a copy of the limited warranty, which contains additional terms and limitations.

## MOPAR PARTS 12-MONTH LIMITED WARRANTY

Except parts as listed above, certain parts from Mopar Performance sold over the counter or wholesaled are warranted against defects in workmanship or materials for 12 months/unlimited miles for parts (exchange) only. These parts are identified in this catalog as having a specific part number structure. Part numbers starting with "P" are not covered under the 12-month warranty. Other parts listed in this catalog without a "P" prefix part number are covered under the 12-Month Limited Warranty described here. See your dealer for a copy of the limited warranty, which contains additional terms and limitations. Parts installed on a Chrysler, Plymouth, Jeep®, Dodge and Ram vehicle by an authorized Chrysler, Jeep®, Dodge and Ram dealer are warranted for 12 months/unlimited miles for parts (exchange) only. See your dealer for a copy of the limited warranty, which contains additional terms and limitations.

## **EMISSIONS STATEMENT**

Federal law requires emissions parts on new vehicles to be warranted for at least two years or 24,000 miles, whichever comes first. Federal and many state laws also prohibit the removal, modification or rendering inoperative any part that affects emissions or safety on motor vehicles used on public streets or highways. Many Mopar Performance parts are designated for track use or off-road use only. Installation of certain components may bring the vehicle out of compliance with safety and/or emissions standards. Mopar recommends that vehicles with parts designated in this fashion not be operated on public roads. Mopar Performance customers are responsible for complying with applicable state and local environmental regulations. Additionally, certain performance parts may affect the emissions characteristics of the vehicle. If you install them on the vehicle, and your vehicle consequently fails a required state or local I/M (inspection and maintenance) emissions test, including any test required to maintain or renew your vehicle's registration, or if your vehicle is subject to an emissions recall, Chrysler Group LLC may not be required to repair your vehicle under the emissions performance warranty, and you may be required to remove those parts at your own expense in order to obtain repairs necessary to pass the I/M test or to perform the recall.

## **NOTE – CALIFORNIA ONLY**

The emissions laws and regulations of the state of California apply to all non-racing vehicles operated in California. Consequently, those parts marked in this catalog with a "1" and appropriately marked on their packaging may legally be used in California only on a racing vehicle that will never be operated on public roads.

## **PARTS ORDERING AND INQUIRIES**

The parts in this catalog may be ordered from authorized Chrysler, Jeep®, Dodge and Ram dealerships or the speed shops carrying the Mopar Performance line of products. When a part ordered has been superseded, the replacing part will be shipped automatically. The price of the replacing part may differ from the ordered part. All products, illustrations and specifications are based upon current information at the time of publication approval. Although descriptions are believed correct, complete accuracy cannot be guaranteed. Chrysler Group LLC reserves the right to make changes at any time, without notice or obligation, to the information contained in this printed document, including and without limitation to prices, specifications, equipment, colors, materials, and to change or discontinue products.

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## VIPER

### BRAKES

#### A. Brake Rotors

The Viper SRT10 benchmark brakes are taken to the next level in the 2008 Dodge Viper SRT10 ACR. StopTech two-piece, slotted, lightweight rotors combine with the Viper SRT10's Brembo calipers (standard on Viper) to reduce rotating inertia and unsprung mass, improve brake cooling, and significantly reduce fade even under extreme conditions. The StopTech rotors feature a patented curved-fin design, a key element in improving brake cooling. The StopTech brake rotors combined with the Michelin Pilot Sport Cup Tires and Sidewinder lightweight wheels combine to reduce 60 pounds of unsprung, rotating mass. The 2008 Dodge Viper SRT10 ACR stops from 60 MPH in less than 100 feet.

<sup>1</sup> P5155125 Rotors, Brake, Front Set, Two Piece Slotted Design, 2003-08 Viper

<sup>1</sup> P5155126 Rotors, Brake, Rear Set, Two Piece Slotted Design, 2003-08 Viper



### VIPER SRT10 POWER KIT

#### B. Engine Controller - Race

The Mopar Race Engine Controller for the Viper SRT10 is specifically calibrated for use with the Race Camshaft (P4510171) and the Viper 3-inch Race Exhaust (P4510176). It optimizes fuel and air tables for peak performance without catalytic converters, removes the skip shift feature (found on the production model), and is calibrated for premium pump fuel (91 octane minimum). For race use only.

<sup>1</sup> P4510172AB Engine Controller, Race, 2003-06 Viper SRT10

**IMPORTANT NOTICE:** This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.

#### C. Camshaft - Race

Based on the Competition Coupe camshaft. Uses production springs and rocker arms to offer a 6-8 horsepower increase at top end of RPM range. Recommended for use with Race Engine Controller (P4510172AB) and 3-inch Race Exhaust (P4510176).

##### Features:

- Cam lift: 0.320" Intake and 0.320" Exhaust
- Duration at 0.050": 220.00 Intake/230.5 Exhaust
- Cam Centerline = 117° after top dead center

<sup>1</sup> P4510171 Camshaft, Race, 2003-06 Viper SRT10

A. P5155126



B.



C.





A.



B.



C.



D.

## VIPER SRT10 POWER KIT

### A. Exhaust System - Race

The Mopar 3-inch Race Exhaust System provides low restriction from manifold to tip. Catalytic converters are eliminated (upstream and downstream), and it has a side exit from the sill that removes H-pipe crossover. This system is more than 30 lbs. lighter than the production exhaust system. The exhaust muffler is tuned to minimize noise where track restrictions are present, yet it yields a deep sounding exhaust note. Recommended package includes Race Engine Controller (P4510172AB) and Race Camshaft (P4510171). Total performance increase when Controller, Camshaft and Exhaust are used together: Horsepower increase = 44 bhp at 4,800 rpm, Torque increase = 48 ft.-lbs. of torque at 4,800 rpm. Not for Production Vehicles - Comp Coupe Only.

<sup>1</sup> **P4510176** Race Exhaust System, Exits On Each Side, 3.0" Pipe, 2003-06 Viper Race Exhaust system, Viper Comp Coupe 8.3L

## VALVES AND VALVE TRAIN HARDWARE

### B. Valves

Stainless Steel Valves offer improved durability. Standard stem length (5.726") with oversize head diameters. Swirl-polished underhead area, chromed stem and hardened tip. Cylinder Head (P4876869) is no longer available through Mopar.

<sup>1</sup> **P5007511** Valve, Exhaust, 1.60" Diameter

<sup>1</sup> **P5007510** Valve, Intake, 2.02" Diameter

### C. Rocker Arm Assembly - Race

Tested and proven to be victorious on the "24 Hours of Le Mans" GTS-R. Features individual shaft-mounted rockers with needle bearings on shafts and rocker tips, forged aluminum 1.7:1 ratio rockers, 12-point aircraft quality mounting hardware, and rocker arm adjusters. Rockers mount to one-piece CNC steel billet bar for positive alignment.

<sup>1</sup> **P5007049** Rocker Arm Package, Race, 1997-02 Viper RT/10

## IGNITION AND ELECTRONICS

### D. Spark Plug Wire Sets

These suppression-type Spark Plug Wire Sets are compatible with the production Engine Control Unit (ECU). High-temperature, 8.5 mm diameter material for added durability. Individually numbered spark plug terminals and boots. Sold in sets only.

**P5007159** Wire Set, Spark Plug, 8.5 mm, Coils at Back of Engine, 1996.5-01 Viper RT/10 and 1996-01 GTS

**P4876435** Wire Set, Spark Plug, 8.5 mm, Coils Under Intake Manifold, 1992-96.5 Viper RT/10

## VIPER

### IGNITION AND ELECTRONICS

#### A. Engine Controller

Designed for race only applications, the Stage 1 Engine Controller has modified spark and fuel tables which function when "power adders" like headers, cat-back exhaust, aftermarket cams and cold air intake systems are used. The computer senses the additional air flow and will compensate with appropriate fuel and spark to maximize performance.

##### Features:

- \* Power adders can be used without turning on dash warning lights. Catalysts and O2 sensors can be removed without tripping warning lights or causing limp mode to activate
- \* Chassis dyno results showed a slight HP gain (approx 10 hp) on a stock ACR but the intent of this controller is to work with power adders to maximize performance
- \* The revised fuel/spark tables are intended for power levels below 700 hp. This controller is not intended for use with nitrous, superchargers, or packages that go above 700 hp. It might work depending on your setup, but it wasn't designed to function in that range
- \* The 1-4 skip shift feature in the production calibration has been eliminated
- \* Requires the use of 93 octane fuel only
- \* The rev limit has been increased from 6400 rpm to 6500 rpm
- \* Tachometer settings have been adjusted for updates every 25 RPM (vs. every 100 RPM)
- \* Increases engine idle speed from 700 rpm to 750 rpm
- \* The ETC pedal / throttle MAP has been refined which improves pedal feel
- \* Tested using rear axle ratios between 3.07:1 to 4.10:1

<sup>1</sup> P5155254AB Engine Control Module, Stage 1, 2008-10 Viper

**IMPORTANT NOTICE:** This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.

#### B. Wiring Harness

For use with Viper V10 crate engines in non-Viper installations. Includes relays and factory connectors for sensors, sending units, ignition, etc. Features extra long wire leads for universal applications. Instructions and wiring diagram included.

<sup>1</sup> P5153824 Crate Engine Adapter Harness, Viper V10, (Provides PDC, Headlamp, and Dash Function)

<sup>1</sup> P5007142 Wiring Harness, Viper Crate Engines, 8.0L

### COOLING SYSTEMS

#### C. 180 Degree Race Thermostat

Help your engine run cooler under track conditions. Thermostat includes gaskets for both heavy and lightweight engines.

<sup>1</sup> P4876900 Thermostat, Race, 180 Degree, 1992-02 Viper



A. P5155254



B.



C.



A.



B.



C.



C.

## COOLING SYSTEMS

### A. Fan and Control Module

For use with Viper V10 Crate Engine in non-Viper installations. Use with Viper wiring harness (P5007142). Height: 18.00"; Width 25.50"; Thickness: 4.50".

- <sup>1</sup> P5007266 Fan Assembly, Includes Fan Blade, Motor, Wires, and Shroud, 40 Amp Draw, High Speed 2370 CAM, Low Speed 2020 CAM, Viper V10 Crate Engine

### B. Underdrive Crank Pulley and Drive Belts

Originally developed for the Competition Coupe. Improves water pump efficiency at high RPMs. Constructed of hard-coated aluminum. Requires one of the available Accessory Drive Belts.

- <sup>1</sup> P4510177 Pulley, Crank, Underdrive, 2003-05 Viper SRT10  
<sup>1</sup> P4510225 Drive Belt, Accessory, 2003-04 Viper  
<sup>1</sup> P4510224 Drive Belt, Accessory, for Vehicles with A/C, 2003-05 Viper SRT10  
<sup>1</sup> P4510233 Drive Belt, Accessory, for Vehicles without A/C, Includes Belt and Three Bolts, 2003-05 Viper SRT10

## DIFFERENTIAL COMPONENTS

### C. Differential Assemblies

Complete Differential Assemblies with all new components and Mopar Performance Parts gear sets fully assembled to production specifications.

Features:

- Aluminum housing with specially cast-in bosses for Mopar Performance differential cooler fittings
- Bosses are drilled, tapped and plugged in three places, ready for cooler fitting installation
- Production Trac-Lok with upgraded 7/16-inch diameter ring gear retaining bolts
- Improved design pinion seal
- Choice of two Mopar Performance gear sets

- <sup>1</sup> 05038307AE Differential Assembly, 3.06:1 Gear Set, 2008 Viper differential assembly with Visco Loc limited slip differential. This is a direct replacement for 2003-06 and 2008 differential assemblies. Drop your lap times with more forward bite with the improvements to the Visco Loc limited slip
- <sup>1</sup> P5007403 Differential Assembly, 4.10:1 Gear Set, Less Cover/Support, Direct Replacement for Production Unit, Including Production Trac Loc, but Featuring Center Housing Having Three Cast-In Bosses for Differential Cooler Fittings

# VIPER

## DIFFERENTIAL COMPONENTS

### A. Ring and Pinion Sets- HD

Stronger than other units currently available in the aftermarket. Note that these are only for Dana Super 44 differentials with 3/8-inch diameter ring gear retaining bolts offered in 1996-06 Viper RT/10 and GTS.

- <sup>1</sup> P5007022 Ring and Pinion, 3/8" Diameter, 3.73 Gear, 1996-00 Viper RT/10/GTS
- <sup>1</sup> P5007043 Ring and Pinion, 3/8" Diameter, 4.10 Gear, 1996-00 Viper RT/10/GTS

### B. Ring and Pinion Sets - Race

Upgraded to stronger 7/16-inch diameter ring gear retaining bolts. Requires Trac-Lok (P5007555, no longer available through Mopar) when installed in 1996-2000 Dana Super 44 differential.

- <sup>1</sup> P5007526 Ring and Pinion Set, Race, 7/16" Diameter, 3.73 Gear, 1996-05 Viper

### C. Differential Cooling Package

This is a complete differential cooling package, equipped with cooler, pump, fans, duct work, stainless steel lines, wiring, and all fittings. Electric cooling fans provide a high velocity of air travel through the cooler for optimal performance. The electrical circulating pump engages at 205 degrees° (when the differential reaches its operating temperature) and will continue to operate until the differential oil temperature is reduced.

- <sup>1</sup> P5155826 Cooling Package, Differential, 2010 Viper

## TRANSMISSION COMPONENTS

### D. Hurst Short-Throw Shifter

Shift throw reduced by 40%. One-piece shift stick and gold anodized billet aluminum construction for durability. Exclusive Black Viper Head Shift Knob is available in your choice of four logo colors and must be ordered separately (shift knob height is reduced for competition feel). This shifter handle does not accept the factory knob, but is designed to accept the shift knobs listed below that have a 1/2-inch - 20 UNF thread.

- P4510168 Shifter, Short-Throw, Hurst, 1992-06 Viper
- P5153302 Shift Knob, Blue Viper Logo
- P5153300 Shift Knob, Red Viper Logo
- P5153301 Shift Knob, Silver Viper Logo
- P5153303 Shift Knob, Yellow Viper Logo

### E. Shift Knob

- P5155842 Shift Knob, W/ Lever, Production Replacement. Reduces shift travel and shifter height. 2010 Viper

### Six Speed Transmission Kit (Not Shown)

- P5155123 Transmission, 2008 Viper 6-SPD. Includes Transmission, Shifter Base, Prop Shaft, and Crossmember



A.



B.



C.



D.



E.



## TRANSMISSION COMPONENTS

## Gear Upgrade- 5th. (Not Shown)

This fifth gear upgrade kit is intended to give a closer gear ratio for fifth gear, giving the car a sportier feel while still maintaining the fuel economy of sixth gear. This kit changes the fifth gear ratio from 0.74:1 to 0.796:1.

**P5155799** Gear Upgrade, 5th. Gear, Manual Transmissions, 2009-11 Challenger, 2008-09 Viper

## A. Flywheel- Lightweight

High-strength alloy steel flywheel is a direct replacement for stock SRT10 part and uses production clutch assembly. Reduction of 9.4 lbs. (31%) in flywheel mass, and 39% in flywheel rotating inertia. No release bearing changes, crank trigger changes or calibration required.

**P4510169** Flywheel, Lightweight, 2003-06 Viper SRT10

## Clutch Kit (Not Shown)

**P5155122** Clutch Conversion Kit, Converts a 2005-06 Viper to a 2008 Dual Disc Clutch, Requires P5155123. Not compatible on Vipers with a Flywheel Crank Trigger

## B. High-Durometer Transmission Mounts

Urethane mount reduces transmission movement under high-load conditions. Improved life compared to stock rubber mount. Same as used on Viper Competition Coupe.

**P4510179** Transmission Mount, High-Durometer, 2003-05 Viper SRT10

## SUSPENSION UPGRADES AND COMPONENTS

## C. Stage 3 Coilover Suspension Kit- Race

Coilover Suspension System:

- Two way adjustable
- Lightweight aluminum construction
- Double adjustable (compression and rebound)
- Ride height adjustable
- Bridges the gap between street systems and full race systems

<sup>1</sup> **P5155324** Coilover Suspension Kit, ACR, Stage 3, 2008-09 Viper SRT10

<sup>1</sup> **P4510951** Coilover Suspension System, 2-Way Adjustable, 2003-09 Viper SRT10 Coupe, (Non-ACR vehicles)



A.



B.



C.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

<sup>1</sup> Not legal on pollution-controlled vehicles or vehicles registered for highway use.



## VIPER

### SUSPENSION UPGRADES AND COMPONENTS

#### Spring/Damper Assemblies (Not Shown)

Standard on all ACR-X Race Cars, these race tuned spring and damper assemblies are must for the serious driver. Ride height is adjustable through threaded spring perches and independently adjustable for both compression and rebound (14 compression settings/ 18 rebound settings). Recommended for use with with ACR anti-roll bars and aerodynamic packages. Front springs are 140N/mm and the rear springs are 260 N/mm. Monotube aluminum body. 60mm ID Race Springs. 2010 Viper.

**P5155835** Spring/Damper Assembly, Front, Set of Two, 2010 Viper

**P5155836** Spring/Damper Assembly, Rear, Left, 2010 Viper

**P5155837** Spring/Damper Assembly, Rear, Right, 2010 Viper

#### A. Heat Shield Boots

These flexible Heat Shield Boots lower joint temperature and protect the rubber boots from thermal cracking. Heat shields slip over existing rubber boots — no modifications required. Recommended for racing use, but also good for street applications. Sold individually.

**P4510144** Heat Shield Boot, Ball Joint, 1996-06 Viper

**P5154374** Heat Shield Boot, Tie Rod, 1996-09 Viper

#### B. Solid Steering Gear Mounts

Improves turning and handling response. A direct replacement for rubber isolator mounts found in production Vipers. Constructed of lightweight aluminum for strength and durability.

<sup>1</sup> **P4510204** Steering Isolator Mounts, Solid, 1994-06 Viper

## AIR SYSTEMS

#### C. Air Filters- O.E. Performance Replacement

Constructed with factory tight seals, engineering level polyurethane, deep four-ply pleats of oiled cotton gauze and two layers of aluminum screen. This filter offers high flow and low restriction, better throttle response, and increased filtration and horsepower. Filters are washable and reusable and come pre-oiled.

**P4510940** Air Filter, High Flow, O. E. Replacement, 2003-06 Viper SRT10

#### D. Smooth Bore Inlet Hoses

ACR production part with correct molded bend and hose end diameters. Provides increased airflow with less turbulence for more horsepower. Five-ply polyester-reinforced silicone shell eliminates collapse due to high vacuum. Features a fluoro-silicone liner for fuel/oil protection and 100,000+ mile durability. Includes two hoses (99-02).

**P5007362** Inlet Hoses, Smooth Bore, Black, Viper RT/10 and GTS



A.



B.



C.



D.



A.



B.



C.



D.

## EXHAUST SYSTEMS

### A. Headers- Race

These race headers are all constructed of heavy duty stainless steel. They are equipped with a "5 tube flange" that allows easy installation without removal of the engine. A 5 into 1 collector allows for maximum torque and horsepower gain. The primary tube diameter is 1-3/4". Expect up to a 40 hp gain when equipped with the race exhaust system and performance engine controller. Additional installation recommendations include forged pistons and spark plug wire heat socks. Note that the header gasket and J-pipe are not included with P5155828.

**P5155830** Gasket, Exhaust Header, Five Tube Flange, 2010 Viper

<sup>1</sup> **P5155828** Headers, Race, Stainless Steel, 2010 Viper

**P5155829** J-Pipe, Exhaust, 2010 Viper

### Exhaust System- Race (Not Shown)

A Low back pressure exhaust system specifically tuned for Mopar Race Headers (P5155828). Features a pressure drop equal to that of a straight pipe. The 4 tube perforated design reduces exhaust noise with minimal size and weight.

<sup>1</sup> **P5155831** Exhaust System, Stainless, Race Only, W/ Tips, 2010 Viper

**P5155833** Exhaust Tip, Left, 2010 Viper

**P5155832** Exhaust Tip, Right, 2010 Viper

### B. Cat-Back Exhaust System- GTS-R/T

Offers low restriction with a performance sound. Made from 304 stainless steel, this system features 3-inch diameter tubing for high-volume flow and factory-style band clamps. Exclusive laser-etched Viper logo on polished stainless steel exhaust tips with rolled rims. Bolt-on replacement for production rear exit exhaust.

<sup>1</sup> **P5007274** Cat-Back Exhaust System, Dual Rear Exit Viper Etched Tips, 1996-99 Dodge Viper GTS/RT-10

### C. Cat-Back Exhaust System- SRT 10

Add some extra bite to your Viper. This Cat-Back Exhaust System features stainless steel construction (including the muffler) with mandrel-bent tubing, which provides horsepower and torque gains, improved fuel economy, and a deeper tone. Includes two mufflers, right and left turn out assemblies, and four 2-1/2-inch clamps.

<sup>1</sup> **P4510608** Cat-Back Exhaust System, Single Angle-Cut Tips, Exits On Each Side, 2.50" Pipe, 2003-06 Dodge Viper, SRT10, 8.3L

## GTS-R ENGINE PARTS

### D. Valve

Stainless steel for improved durability. Stem length is 0.100-inch longer than stock, and head diameter is oversized. Swirl-polished overhead area, chromed stem and hardened tip.

<sup>1</sup> **P5007514** Valve, Exhaust, 1.60" Diameter, 5.826" Stem, Viper GTS-R

VIPER

## GTS-R ENGINE PARTS

### A. GTS-R 8.5 mm Spark Plug Wire Set

For use on GTS-R chassis with front mounted coils only. Suppression-type compatible with Engine Control Unit. High-temperature, 8.5 mm diameter material for added durability. Individually numbered for each cylinder. Production-style spark plug terminals and boots. Sold as a set.

**P4876844** Wire Set, Spark Plug, 8.5 mm, GTS-R



A.

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## EXTERIOR BODY COMPONENTS

## A. Wing



A.



A.

The 2008 Dodge Viper SRT10 ACR exterior styling cues offer not only bold aesthetics, but functional benefits on the track. The "Race" kits include a variable geometry "fanged" front splitter, an adjustable rear wing sculpted by CFD (Computational Fluid Dynamics) and optimized front dive planes. These new aerodynamic devices are formed in high-performance autoclaved carbon-fiber. By using both unidirectional and woven laminates, the aero equipment is optimized for the minimum weight possible.

The splitter and dive planes feature a clear-coated carbon-fiber weave on all Viper SRT10 ACR models. The front splitter includes three removable rub strips that provide protection and wear resistance. Supported by stainless steel tension cables, the splitter is designed to absorb the energy from minor upward deflections.

The Dodge Viper SRT10 ACR aerodynamics are tuned and balanced to maximize downforce (up to 1,000 lbs.) and provide increased levels of lateral grip. Each Viper SRT10 ACR also includes a track extension that replaces the center splitter rub strip and fills out the fanged splitter scallop for closed-circuit events. The aerodynamic effect of the track extension is a reduction in overall drag and an increase in front downforce of nearly one-third. The front fog lamps have been deleted and replaced with lightweight filler panels.

- <sup>1</sup> P5155265 Wing, Long, Carbon Fiber, Includes Wing, Dive Plane Asm., Front Splitter, Track Extension, and Fog Light Close Outs, 2003-06 Gen III, 2008-09 Gen IV non-ACR or Without the ARY Package, Race/Coupe Only
- <sup>1</sup> P5155272 Wing, Long, Primed, Includes Wing, Dive Plane Asm., Front Splitter, Track Extension, and Fog Light Close Outs, 2003-06 Gen III, 2008-09 Gen IV non-ACR or Without the ARY Package, Race/Coupe Only
- <sup>1</sup> P5155273 Wing, Short, Primed, Includes Wing, Dive Plane Asm., Front Splitter, Track Extension, and Fog Light Close Outs, 2003-06 Gen III, 2008-09 Gen IV non-ACR or Without the ARY Package, Coupe Only
- <sup>1</sup> P5155274 Wing, Short, Primed, Includes Wing, Dive Plane Asm., Front Splitter, Track Extension, and Fog Light Close Outs, 2003-06 Gen III, 2008-09 Gen IV non-ACR or Without the ARY Package, Roadster Only

## Notes:

· P5155265 and P5155272 are for "Off-Road Use Only". As such they require coilover kit P5155324 or equivalent on any vehicle that will subject to high downforce conditions. The kit is specifically developed to be used with Michelin® Pilot® Sport Cup tires. 2003-2006 cars require an upgraded rear swaybar (05181438AA).

· 2006 and newer vehicles equipped with satellite radio will need to have their antennas relocated for proper reception. For coupes order kit P5155333 and for roadsters order kit P5155334

## VIPER

### EXTERIOR BODY COMPONENTS

#### Wing End Plates (Not Shown)

Rear Wing End Plates are standard on the Viper ACR-X. The new vented design improves wing downforce with drag reduction.

**P5155841** End Plate, Rear Wing, Left Side, Aluminum, 2010 Viper

**P5155840** End Plate, Rear Wing, Right Side, Aluminum, 2010 Viper

#### A. Dive Planes

Upper Dive Planes increase front down force at high speeds. When coupled with an increased rear wing angle to achieve aerodynamic balance, a 100lb increase in down force is achieved. Lower Dive Planes improve down force while enhancing stability and significantly improve grip in high-speed cornering. Recommended for use with the complete ACR aero package.

**P5155839** Dive Planes, Lower, Set, 2010 Viper

**P5155834** Dive Planes, Upper, Set, 2010 Viper

#### Splitter (Not Shown)

Supported by stainless steel tension cables, the splitter is designed to absorb the energy from minor upward deflections. Includes three removable rub strips that provide protection and air resistance.

**P5155838** Splitter Assembly, 2010 Viper

#### Audio and Navigation (Not Shown)

**P5155333** Satellite Radio Antenna Relocation Kit, 2008-09 Viper Coupe

**P5155334** Satellite Radio Antenna Relocation Kit, 2008-09 Viper Roadster



A. P5155834

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