

## 2010 Dodge Viper SRT10 ACR-X Specifications

All dimensions are in inches (millimeters) unless otherwise noted. Information shown is correct at time of printing and is subject to change. This is not a street legal vehicle.

### **GENERAL**

Body Style	Coupe
Seating Capacity	1
Assembly Plant	Conner Avenue, Detroit

### **ENGINE**

Type and Description	10-cylinder, 90 degree V-type, liquid cooled
Displacement	8.4 liter (510 cid)
Bore x Stroke	4.055 x 3.96 (103 x 100.6)
Valve System	OHV, Variable-Valve Timing (VVT), 20 valves, roller-type hydraulic lifters
Fuel Injection	Sequential, multi-port, electronic
Construction	Aluminum alloy block with cast-iron liners, aluminum-alloy heads
Compression Ratio	10.2:1
Power (SAE net)	640 bhp (477 kW) @ 6,100 rpm (76 bhp/L)
Torque (SAE net)	605 lb.-ft. (820 N.m @ 5,100 rpm)
Max. Engine Speed	6,400 rpm
Fuel Requirement	Unleaded premium – 93 Octane (R+M)/2
Oil Capacity (with Filters)	11 qt. (10.4L)
Coolant Capacity	16 qt. (15L)

### **DRIVETRAIN**

Description	Synchronized in all gears, electronic reverse lockout mechanisms, new short-throw shifter
Gear Ratios	1st – 2.66 2nd – 1.82 3rd – 1.30 4th – 1.0 5th – .80 6th – .50
Axle Ratio	3.07
Final Drive Description	Frame-mounted hypoid bevel gear with GKN ViscoLok speed-sensing limited-slip differential

### **DIMENSIONS AND CAPACITIES**

Wheelbase	98.8 (2510)
Track, Front	61.6 (1565)
Track, Rear	60.9 (1547)
Overall Length	175.6 (4459)
Overall Width (at Sills)	75.2 (1911)
Curb Weight	3,190 lbs. (est.)
Weight Distribution	49/51
Drag Coefficient	.38
Aerodynamic Downforce	1,100 lbs.

## **INTERIOR**

Defroster  
Footrest

Instrument Cluster

Mirror  
Pedals  
Seat  
Steering Column  
Steering Wheel

## **EXTERIOR**

Body Panels  
Dive Planes  
Headlamps

Mirror  
Splitter  
Windshield Wipers

Wing

Optional

## **POWERTRAIN AND CHASSIS**

Differential

Dyno Break-in and Performance Verification  
Electronic Seals  
Engine Electronic Control Unit  
Exhaust System  
Headers

Flywheel  
Oil Cooler  
Pulley

Front Blower  
Driver's, aluminum die-cast-style adjustable pedal pad  
220-mph (355 kph) analog speedometer, trip odometer, 7,000 rpm tachometer, voltmeter, oil pressure, coolant temperature and fuel gauge  
Manual day/night rearview  
Power-adjustable  
RaceTech racing driver side  
Tilt  
Suede-wrapped quick-disconnect racing style

Primed, ready to paint  
Front quad  
High-intensity Discharge (HID) low and high beams  
Dual outside  
Front carbon-fiber with rub strip  
Variable intermittent, two-speed with low-profile flat blade  
Rear carbon-fiber with seven-position stanchions  
Custom Livery Design  
Car Cover Fitted

GKN ViscoLok speed-sensing limited-slip  
External race cooler package

Engine, Transmission and Differential  
Upgraded performance program  
Dual-side  
American Racing five-into-one, stainless steel with low restriction  
Lightweight  
Engine  
Underdrive Crankshaft

## **SUSPENSION**

Bar-Front and Rear Anti-Sway Adjustable Drop Links  
Type

Four-wheel independent with high-performance aluminum control arms and knuckles, KW suspensions with two-way adjustable competition coil-over shock absorbers with remote reservoir tubular stabilizer bars, shocks and springs

## **STEERING**

Type  
Overall Ratio  
Steering Turns (lock-to-lock)

Power-assisted rack-and-pinion  
16.7:1  
2.4

## **BRAKES**

Anti-Lock Brake System (ABS)  
Front – Size and Type

14.0 x 1.26 (355.0 x 32.0) with Brembo curved fin, two-piece slotted and vented rotors and Brembo 44/40 opposing piston calipers

Rear – Size and Type

14.0 x 1.26 (355.0 x 32.0) with StopTech, curved fin, two-piece slotted and vented rotors and Brembo 42/38 opposing piston calipers

Power-assist Type

Tandem Diaphragm vacuum with zero lost travel

## **WHEELS**

Gloss black-painted wheels  
Type and Material  
Size

Lightweight forged aluminum “sidewinder”  
18.0 x 10.0 – front  
19.0 x 13.0 – rear

## **TIRES**

Michelin Racing Slicks  
Size

27/65-R18 – front  
31/71-R19 – rear

## **SAFETY**

Adjustable Pedals  
Anti-Lock Brake System (ABS)  
Battery  
Cage  
Energy-Absorbing Steering Column  
Fire Extinguisher System  
Fuel Cell  
Hooks  
Padding

Four wheel  
Dry Cell  
Interior roll cage, 8-point

Window Nets  
Remote Battery Switch

With remote nozzles  
22-gallon with tip-over discriminator valve  
Front and rear tow  
Interior roll cage impact protection, SFI rated  
Side window and center mounted  
Emergency

## **ELECTRICAL SYSTEM**

Alternator

180-amp high speed