

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.
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

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