

2009 Dodge Viper SRT10® SPECIFICATIONS*

GENERAL INFORMATION	
Body Styles	Roadster/Coupe (ACR Package is coupe only)
Assembly Plant	Conner Avenue, Detroit
EPA Vehicle Class	Two-seater
Introduction Date	1992 model year
ENGINE: 8.4-LITER V-10	
Type and Description	10-cylinder, 90-degree V-type, liquid-cooled
Displacement	8.4 liter (510 cu. in.)
Bore x Stroke	4.055 x 3.96 (103 x 100.6)
Valve System	OHV, Variable Valve Timing, 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)	600 bhp (450 kW) @ 6,100 rpm (71 bhp/L)
Torque (SAE net)	560 lb.-ft. (760 N•m @ 5,000 rpm)
Max. Engine Speed	6,250 rpm
Fuel Requirement	Unleaded premium—91 Octane (R+M)/2
Oil Capacity (with Filters)	11 qt. (10.4L)
Coolant Capacity	16 qt. (15L)
Emission Controls	Four three-way catalytic converters, heated oxygen sensors, engine internal features(a)
EPA Fuel Economy (City/Hwy)	13/22
(a) Meets Tier 2 standards in all 50 states.	
ELECTRICAL SYSTEM	
Alternator	180-amp high-speed
Battery	Leak-resistant, maintenance-free, 600 CCA
Radio	AM/FM/CD radio with MP3 play capability, with 310-watt RMS audio amplifier and seven speakers. Optional navigation radio packaged with SIRIUS Satellite Radio
TRANSMISSION	
Manual Six-Speed Overdrive	
Description	Synchronized in all gears, electronic 1-4 skip-shift and reverse lockout mechanisms
Gear Ratios	
1st	2.66
2nd	1.82
3rd	1.3
4th	1.00
5th	0.74
6th	0.5
Axle Ratio	3.07
Overall Top Gear	1.5

FINAL DRIVE	
Description	Frame-mounted hypoid bevel gear with GKN ViscoLok speed-sensing limited-slip differential
DIMENSIONS AND CAPACITIES (a)	
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)
Overall Height	47.6 (1210)
Ground Clearance	5.125 (130)
Curb Weight	3,454 lbs. (1567 kg) Coupe 3,441 lbs. (1561 kg) Roadster 3,408 lbs. (1552 kg) ACR Coupe 3,366 lbs. (1533 kg) ACR Hard Core Coupe
Weight Distribution (F/R)	49.6/50.4
Frontal Area	19.3 sq. ft. (1.79 sq. m)
Drag Coefficient	0.42 (top down), 0.38 (top up) Roadster; 0.38 Coupe
Fuel Tank Capacity	16.0 gal. (70L)
(a) All dimensions measured with two passengers.	
ACCOMMODATIONS	
Seating Capacity	2
Head Room	36.5 (926)
Leg Room	42.4 (1077)
Shoulder Room	54.1 (1375)
Seat Travel	7.6 (192)
Recliner Range	45°
SAE Interior Volume	NA
BODY	
Layout	Longitudinal front engine, rear-wheel drive
Construction	Backbone tubular space frame with separate cowl structure. SMC and RIM body panels, aluminum sills, RIM front and rear fascias with composite impact beams
ACR AERODYNAMICS	
Front	Carbon fiber “fanged” splitter with rub strips; splitter extension; carbon dive planes
Rear	Carbon fiber wing with 7-position adjustable stanchions
Downforce @ 150 mph (high down force setup)	1000 lbs.

SUSPENSION	
Type	Four-wheel independent with high-performance aluminum control arms and knuckles and lightweight coil-over shock absorbers
Front	Cast-aluminum unequal-length upper and lower “A” arms, coil springs, low-pressure gas-charged shock absorbers, stabilizer bar
Rear	Cast-aluminum unequal-length upper and lower “A” arms, toe-control links, coil springs, low-pressure gas-charged shock absorbers, stabilizer bar
ACR SUSPENSION	
Type	Four-wheel independent with high-performance aluminum control arms and knuckles, and KW Suspensions 2-way adjustable competition coil-over shock absorbers
Front	Cast-aluminum unequal-length upper and lower “A” arms, high rate coil springs, gas charged 2-way adjustable monotube shock absorbers, high rate stabilizer bar
Rear	Cast-aluminum unequal-length upper and lower “A” arms, toe-control links, high rate coil springs, gas charged 2-way adjustable monotube shock absorbers, stabilizer bar
STEERING	
Type	Power-assisted rack and pinion
Overall Ratio	16.7:1
Turning Diameter (curb-to-curb)	40.5 ft. (12.34 m)
Steering Turns (lock-to-lock)	2.4
TIRES	
Size and Type	P275/35 ZR18—front, P345/30 ZR19—rear, Roadster and Coupe P295/30 ZR18—front, P345/30 ZR19—rear, ACR
Manufacturer and Model	Michelin® Pilot® Sport PS2 with low-pressure sensors in valve stems, Roadster and Coupe; Michelin Pilot Sport Cup with low-pressure sensors in valve stems, ACR
Revs per Mile	805.42 rpm—front; 756.97 rpm—rear
WHEELS	
Type and Material	Forged aluminum, Roadster and Coupe Lightweight forged aluminum “Sidewinder,” ACR
Size	18 x 10.0—front, 19 x 13—rear

BRAKES	
Front—Size and Type	14.0 x 1.26 (355.0 x 32) vented disc, with Brembo 44/40 opposing piston calipers, Roadster and Coupe 14.0 x 1.26 (355.0 x 32) vented disc, with Brembo 44/40 opposing piston calipers, curved fin vented StopTech two-piece slotted rotors, ACR
Rear—Size and Type	14.0 x 1.26 (355.0 x 32) vented disc, with Brembo 42/38 dual opposing calipers, Roadster and Coupe 14.0 x 1.26 (355.0 x 32) vented disc, with Brembo 42/38 dual opposing calipers, curved fin vented StopTech two-piece slotted rotors, ACR
Power Assist Type	Tandem diaphragm vacuum with zero lost travel

*All dimensions are in inches (millimeters) unless otherwise noted. Information shown is correct at time of publication and is subject to change without notice.

