

2008 Dodge Viper SRT10

SPECIFICATIONS

All dimensions are in inches (millimeters) unless otherwise noted.

Information shown is correct at time of publication, and is subject to change without notice.

GENERAL INFORMATION

Body Styles _____ Convertible/Coupe
 Assembly Plant _____ Conner Avenue (Detroit, Michigan)
 EPA Vehicle Class _____ Two-seater

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 (450KW) @ 6100 rpm (71 bhp/L)
 Torque (SAE net) _____ 560 lb.-ft. (760 N•m @ 5000 rpm)
 Max. Engine Speed _____ 6,250 rpm
 Fuel Requirement _____ Unleaded premium—91 Octane (R+M)/2
 Oil Capacity (with filters) _____ 10 qt. (9.5L)
 Coolant Capacity _____ 16 qt. (15L)
 Emission Controls _____ Four three-way catalytic converters, heated oxygen sensors,
 engine internal features(a)

EPA Fuel Economy (city/highway) _____ N/A
 (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 disk play capability,
 with 310-watt RMS audio amplifier and seven speakers

TRANSMISSION

Manual Six-speed Overdrive

Description _____ Synchronized in all gears, electronic 1-4 skip-shift and reverse lockout mechanisms

Gear Ratios

1 st	_____	2.66
2 nd	_____	1.82
3 rd	_____	1.30
4 th	_____	1.00
5 th	_____	0.74
6 th	_____	0.50

Axle Ratio _____ 3.07

Overall Top Gear _____ 1.5

FINAL DRIVE

Description _____ Frame-mounted hypoid bevel gear with GKN Visco Lok
 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 (estimated) _____ 3,450 lbs. (1564.9 kg), Coupe;
3,440 lbs. (1560.4 kg) Convertible
Weight Distribution F/R _____ 49.5/50.5
Frontal Area _____ 19.3 sq. ft. (1.79 sq. m)
Drag Coefficient _____ 0.43 (top down), 0.40 (top up) Convertible
0.40 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

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 rebound-adjustable shock absorbers, stabilizer bar
Rear _____ Cast-aluminum unequal-length upper and lower "A" arms, toe-control links,
coil springs, low-pressure gas-charged rebound-adjustable 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
Manufacturer and Model _____ Michelin® Pilot® Sport PS2 with low-pressure sensors in valve stems
Revs per Mile _____ 805.42 rpm—front; 756.97 rpm—rear

WHEELS

Type and Material _____ Forged aluminum
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
Rear—Size and Type _____ 14.0" x 1.26" (355.0 x 32) vented disc, with Brembo 42/38
dual opposing calipers
Power Assist Type _____ Tandem diaphragm vacuum with zero lost travel