

2006 DODGE VIPER SRT10 COUPE SPECIFICATIONS

Dimensions are in inches (millimeters) unless otherwise noted.

2006 Dodge Viper SRT10 Coupe Technical Specifications

GENERAL INFORMATION

Body Style	Coupe
Assembly Plant	Conner Avenue (Detroit)
EPA Vehicle Class	Two-seater

ENGINE

Type and Description	10-cylinder, 90-degree V-type, liquid-cooled
Displacement	8.3-liter (505 cu. in.)
Bore x Stroke	4.03 x 3.96 (102.4 x 100.6)
Valve System	OHV, 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	9.6:1
Power (SAE net)	510 bhp (380 kW) @ 5600 rpm (61.4 bhp/L)
Torque (SAE net)	535 lb.-ft. (725 N•m) @ 4200 rpm
Max. Engine Speed	6000 rpm
Fuel Requirement	Unleaded premium—91 octane (R+M)/2
Oil Capacity	10.5 qt. (9.9L)
Coolant Capacity	12.8 qt. (11.9L)
Emission Controls	Four, three-way catalytic converters, heated oxygen sensors, engine internal features(a)
Max. Gross Trailer Weight	Not rated for trailer tow

ELECTRICAL SYSTEM

Alternator	136-amp high-speed
Battery	Leak-resistant, maintenance-free, 600 CCA
Radio	AM/FM/CD radio with internal six-disc changer, with 310-watt RMS Audio Amplifier and seven speakers

TRANSMISSION

Manual six-speed overdrive with internal linkage

Description	Synchronized in all gears, electronic 1-4 skip-shift and reverse lockout mechanisms
Gear Ratios	
1st	2.66
2nd	1.78
3rd	1.30
4th	1.00
5th	0.74
6th	0.50
Axle Ratio	3.07
Overall Top Gear	1.5
Final Drive	
Description	Frame-mounted hypoid bevel gear with Dana Hydra-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	48.6 (1234)
Ground Clearance	5.125 (130)
Curb Weight	3,450 lbs. (1565 kg)
Weight Distribution F/R	49.4/50.6%
Frontal Area	19.3 sq. ft. (1.79 sq. m)
Drag Coefficient	0.39
Fuel Tank Capacity	18.5 gal. (70L)

(a) Meets Tier 1 standards in all 50 states.

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°

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

Front

Cast-aluminum unequal-length upper and lower “A” arms, coil springs, high-pressure gas-charged shock absorbers, stabilizer bar

Rear

Cast-aluminum unequal-length upper and lower “A” arms, toe-control links, coil springs, high-pressure gas-charged 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 ZP with low-pressure sensors in valve stems

Revs per Mile

Front—805.42 rpm

Rear—756.97 rpm

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 four-piston fixed caliper and ABS

Rear

Size and Type

14.0 x 1.26 (355.0 x 32) vented disc, with Brembo four-piston fixed caliper and ABS
With single-piston sliding caliper parking brake

Power Assist Type

Tandem diaphragm vacuum with zero lost travel