


VIPER

Dodge Viper by Chrysler.

Features and Specifications. Models: RT/10 Roadster and GTS Coupe.

Dimensions/Capacities:

	RT/10/GTS
Wheelbase (mm)	2,444
Overall length (mm)	4,476/4,488
Overall width (mm)	1,923
Track (mm)	
Front	1,519
Rear	1,547/1,539
Ground clearance (mm)	127
Turning diameter (m)	12.4
Curb weight (kg)	1,572
Weight distribution	48/52
Drivetrain	RWD
Seating capacity	2
Fuel Tank Capacity (L)	72

Drivetrain:

Engine design:
8.0 Litre, 90 degree V10, cast aluminium block with cast-iron cylinder liners, aluminium heads and oil pan, cast aluminium pistons with forged steel connecting rods.

Bore & Stroke:
101.6 mm x 98.6 mm

Performance:
Power (kW @ rpm) 336 @ 5,200
Torque (Nm @ rpm) 664 @ 3,700

Redline:
6,000 rpm (6,200 rpm fuel shut-off).

Compression Ratio:
9.6:1

Crankshaft:
Forged steel, six main bearings.

Valve train:
Overhead valve train with pushrod-actuated rocker arms and hydraulic roller lifters, dual valve springs, two valves per cylinder.

Intake manifold:
Aluminium, ramtuned with dual plenums.

Exhaust manifolds:
Tubular design, stainless steel.

Fuel delivery:
Sequential multi-point electronic featuring bottom-fed, high-impedance injectors.

Recommended fuel:
Premium unleaded.

Transmission:
Six-speed manual transmission with two overdrive gears, fully synchronised with electronic reverse lockout feature.

Gear Ratios:

First	2.66:1
Second	1.78:1
Third	1.30:1
Fourth	1.00:1
Fifth	0.74:1
Sixth	0.50:1
Reverse	2.90:1
Final Drive	3.07:1

Clutch:
Hydraulic, single dry-disc, 309.9mm

Differential:
Clutch-type, limited-slip, modified mounting, final drive 3.07:1.

Body Construction:

- Resin transfer moulded (RTM) composite body with sheet moulded compound (SMC) bonnet.
- Lightweight tubular steel frame.

Features:

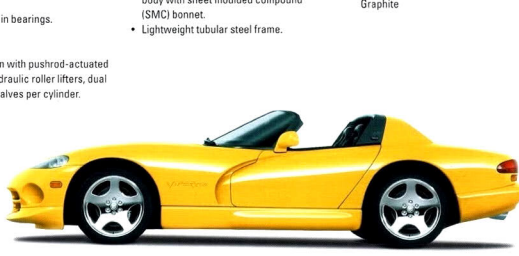
- Next Generation driver and front-passenger air bags.
- Air conditioning with manual temperature controls.
- 200 watt premium AM/FM stereo radio with single disc in-dash CD player, hatch-mounted amplifier and speed sensitive volume controls.
- Premium speakers (five on RT/10, six on GTS).
- Adjustable accelerator, brake and clutch pedals.
- Polyellipsoid headlamps and large integral fog lamps.
- Dual power, breakaway body-colour mirrors.
- Remote keyless entry.

Suspension and Handling:

- Fully-independent front and rear suspension with coil springs and stabiliser bars.
- Aluminium, unequal-length upper and lower control arms.
- Gas-charged coil-over-shock springs.
- Power-assisted rack-and-pinion steering system.
- Four-wheel high-performance power-assisted brakes with ABS and EBD.
- 18-inch forged aluminium wheels with high-performance tyres for extra grip and a full wheel-well appearance.

Colours:

Viper Red
Viper Race Yellow
Graphite



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