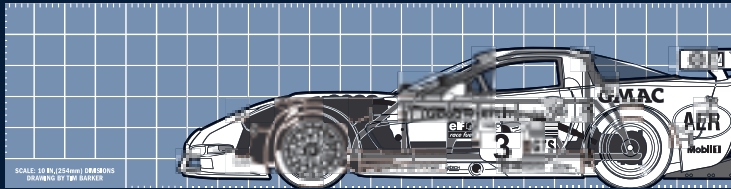


Chevrolet Corvette C5-R

Chevrolet Motor Division
30007 Van Dyke Rd., Warren, Mich. 48090; www.chevrolet.com



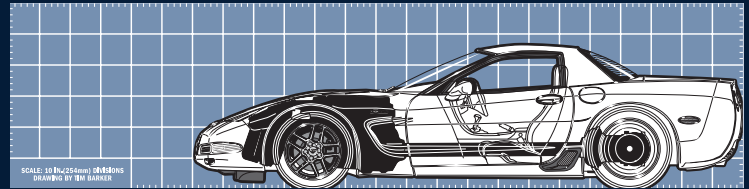
List Price: est \$440,000

Price as Tested: est \$440,000

Price as tested incl rolling chassis by fabricators Pratt & Miller (\$350,000), race engine by Katech Engine Development Inc. (est \$60,000 plus cost of engine-management system), Pi Research data acquisition & telemetry package (est \$30,000).

2001 Chevrolet Corvette Z06

Chevrolet Motor Division
30007 Van Dyke Rd., Warren, Mich. 48090; www.chevrolet.com



List Price: \$47,855

Price as Tested: \$49,726

Price as tested incl std equip. (dual airbags, ABS, stability control, traction control, leather upholstery, auto climate control, AM/FM stereo/cassette/CD, keyless entry, anti-theft system, trip computer, compass, tilt steering; pwr seats, windows, mirrors & door locks), Millennium Yellow paint w/tint coat (\$600), memory package (mirrors, radio, heater, a/c, driver's pwr seat, steering column) \$150, color-keyed floor mats (\$25), luxury tax (\$451), dest charge (\$645).

General Data

	Chevrolet Corvette C5-R	Chevrolet Corvette Z06
Curb weight	est 2650 lb	3115 lb
Test weight	est 2815 lb	est 3295 lb
Weight dist (with driver), f/r, %	49/51	53/47
Wheelbase	104.7 in.	104.5 in.
Track, f/r	74.7 in./76.1 in.	62.4 in./62.6 in.
Length	182.8 in.	179.7 in.
Width	78.7 in.	73.6 in.
Height	45.8 in.	47.7 in.

Engine

	ohv 2-valve/cyl V-8	ohv 2-valve/cyl V-8
Displacement	426 cu in./6980 cc	346 cu in./5665 cc
Bore x stroke	4.12 x 4.00 in./104.6 x 101.6 mm	3.90 x 3.62 in./99.0 x 92.0 mm
Compression ratio	12.5:1	10.5:1
Horsepower (SAE)	610 bhp @ 6200 rpm	385 bhp @ 6000 rpm
Torque	570 lb-ft @ 5600 rpm	385 lb-ft @ 4800 rpm
Redline	6800 rpm	6500 rpm
Fuel injection	elect. sequential port	elect. sequential port
Rec. fuel	Elf race fuel; 100 oct at Sebring; 95 oct at Le Mans	prem. unleaded, 91 pump oct

Chassis & Body

	front engine/rear drive	front engine/rear drive
Layout	carbon fiber/unit steel	fiberglass/unit steel
Body/frame	15.0-in. vented discs/ 14.0-in. vented discs	12.6-in. vented discs/ 12.6-in. vented discs;
Brakes, f/r	vacuum assist, ABS	
Wheels	forged magnesium; 18 x 12½ f, 18 x 13 r	forged aluminum; 17 x 9½ f, 18 x 10½ r
Tires	Goodyear Racing Eagle; 25 x 12-18 f, 28 x 14-18 r	Goodyear F1 Supercar; P265/40ZR-17 f, P295/35ZR-18 r
Steering	rack & pinion	rack & pinion, vari power assist
Overall ratio	na	16.1:1
Turns lock to lock	1.3	2.5
Suspension, f/r	upper & lower A-arms, coil-over springs w/adj tube shocks, adj anti-roll bar/upper & lower A-arms, toe links, coil-over springs w/adj tube shocks, adj anti-roll bar	upper & lower A-arms, transverse composite spring, tube shocks, anti-roll bar/upper & lower A-arms, toe links, transverse composite spring, tube shocks, anti-roll bar

Accommodations

	1	2
Seating capacity	40.0 in.	37.0 in.
Head room	16.1 in.	2 x 18.0 in.
Seat width	36.0 in.	43.0 in.
Leg room	na	8.0 in.
Seat travel		

Acceleration

	Chevrolet Corvette C5-R	Chevrolet Corvette Z06
Time to speed, sec		
0-30 mph	2.3	1.8
0-40 mph	3.0	2.5
0-60 mph	3.5	4.6
0-80 mph	5.5	7.4
0-100 mph	6.2	10.5
Time to distance		
0-1320 ft (¼ mile)	10.3 @ 136.0 mph	13.0 @ 110.5 mph

Braking

Minimum stopping distance		
From 60 mph	96 ft	123 ft
From 80 mph	172 ft	212 ft
Control	excellent	excellent
Brake feel	excellent	very good
Overall brake rating	excellent	very good

Handling

Lateral accel (200-ft skidpad):	1.44g	1.00g
Balance	mild understeer	mild understeer
Speed thru 700-ft slalom:	na	67.1 mph
Balance	na	neutral

Fuel Economy

Our driving	na	est 20.0 mpg
EPA city/highway	3.75 mpg*	19/28 mpg
Fuel capacity	26.4 gal.	18.5 gal.
	*Sebring race mileage.	

Interior Noise

Idle in neutral	93 dBA	64 dBA
Maximum, 1st gear	105 dBA	85 dBA
70 mph	105 dBA*	80 dBA
	*Data recorded approx 30-40 ft from car on racetrack.	

Drivetrain

	5-speed manual	6-speed manual
Transmission		
Gear/Ratio/Overall/(Rpm) Mph		
1st, :1	2.11/5.45/(6400) 80	2.97/10.15/(6500) 48
2nd, :1	1.71/4.41/(6400) 99	2.07/7.07/(6500) 69
3rd, :1	1.39/3.59/(6400) 121	1.30/4.45/(6500) 110
4th, :1	1.20/3.09/(6400) 141	1.00/3.42/(6500) 143
5th, :1	1.07/2.77/(6400) 157	0.84/2.87/(6500) 171
6th, :1		0.56/1.91/est (4280) 171
Final drive ratio	2.58:1	3.42:1
Engine rpm @ 60 mph in top gear:	2450 rpm	1500 rpm

Subjective ratings consist of excellent, very good, good, average, poor; na means information is not available.