

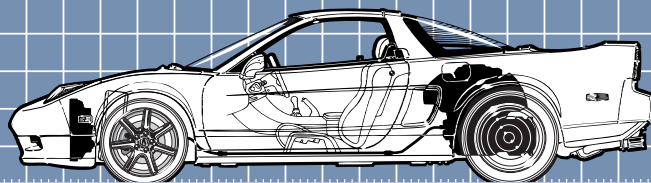
2002 Acura NSX

Acura Automobile Division, American Honda Motor Co., Inc.
1919 Torrance Blvd., Torrance, Calif. 90501-2746; www.acura.com

List Price: est \$89,000

Price as Tested: est \$91,368

Price as tested incl std equip. (ABS, dual airbags, air cond, AM/FM stereo/cassette, traction control, cruise control; pwr windows, seats, mirrors & door locks; alarm/immobilizer system, targa roof panel), trunk mat (est \$127), luxury tax (est \$1496), dest charge (est \$745).



SCALE: 10 IN./254mm DIVISIONS
DRAWING BY TIM BARKER

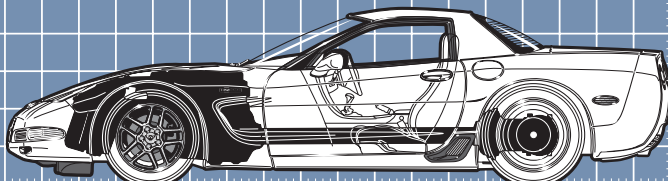
2002 Chevrolet Corvette Z06

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

List Price: \$49,505

Price as Tested: \$50,733

Price as tested incl std equip. (dual airbags, traction control, stability control, ABS, limited-slip diff, aluminum wheels, remote keyless entry/theft deterrent alarm system; pwr heated mirrors, driver seat, windows & door locks; dual-zone climate control, AM/FM stereo w/CD, leather seats, leather-wrapped steering wheel), memory package (\$150), electrochromic mirror (\$120), luxury tax (\$313), dest charge (\$645).



SCALE: 10 IN./254mm DIVISIONS
DRAWING BY TIM BARKER

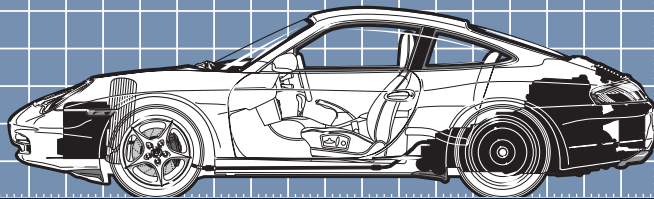
2002 Porsche 911 Carrera

Porsche Cars North America, Inc.
980 Hammond Dr., Suite 1000, Atlanta, Ga. 30328;
www.porsche.com

List Price: \$67,900

Price as Tested: \$78,805

Price as tested incl std equip. (ABS, front & side airbags, auto. climate control, keyless entry, anti-theft; pwr windows, mirrors, door locks, sunroof; AM/FM stereo/cassette, partial leather upholstery, cruise control), Arctic Silver metallic paint (\$825), Comfort package (power seats with memory) \$2100, Advanced Technic package (xenon headlamps, headlight washers, 12-speaker remote CD changer) \$3240, 18-in. alloy wheels (\$1325), stability management (\$1230), wheel caps w/colored crests (\$175), floor mats (\$115), luxury tax (\$1130), dest charge (\$765).



SCALE: 10 IN./254mm DIVISIONS
DRAWING BY TIM BARKER

Acura NSX

Chevrolet Corvette Z06

Porsche 911 Carrera

General Data

Curb weight	3100 lb
Test weight	3225 lb
Weight dist (with driver), f/r, %	43/57
Wheelbase	99.6 in.
Track, f/r	59.4 in./60.2 in.
Length	174.2 in.
Width	71.3 in.
Height	46.1 in.

Curb weight	3120 lb
Test weight	3270 lb
Weight dist (with driver), f/r, %	56/44
Wheelbase	104.5 in.
Track, f/r	62.4 in./62.6 in.
Length	179.7 in.
Width	73.6 in.
Height	47.7 in.

Curb weight	3215 lb
Test weight	3345 lb
Weight dist (with driver), f/r, %	40/60
Wheelbase	92.6 in.
Track, f/r	57.7 in./58.3 in.
Length	174.5 in.
Width	69.7 in.
Height	51.4 in.

Chassis & Body

Layout	mid engine/rear drive
Body/frame	unit aluminum
Brakes, f/r	11.7-in. vented discs/ 11.9-in. vented discs ; vac asst, ABS
Wheels	forged aluminum; 17 x 7 f, 17 x 8½ r
Tires	Bridgestone Potenza; 215/40R-17 83Y f, 255/40R-17 94Y r
Steering	rack & pinion , pwr asst
Overall ratio	18.6:1
Turns lock to lock	3.1
Suspension, f/r	upper & lower A-arms , coil springs, tube shocks, anti-roll bar/ upper & lower A-arms , coil springs, tube shocks, anti-roll bar

Layout	front engine/rear drive
Body/frame	fiberglass/unit steel
Brakes, f/r	12.6-in. vented discs/ 11.8-in. vented discs ; vac asst, ABS
Wheels	cast aluminum; 17 x 9½ f, 18 x 10½ r
Tires	Goodyear F1 Supercar; 265/40ZR-17 91Y f, 295/35ZR-18 91Y r
Steering	rack & pinion , pwr asst
Overall ratio	16.1:1
Turns lock to lock	2.7
Suspension, f/r	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

Layout	rear engine/rear drive
Body/frame	unit steel
Brakes, f/r	12.5-in. vented discs/ 11.8-in. vented discs ; vac asst, ABS
Wheels	cast aluminum; 18 x 8 f, 18 x 10 r
Tires	Michelin Pilot Sport; 225/40ZR-18 f, 285/30ZR-18 r
Steering	rack & pinion , pwr asst
Overall ratio	16.9:1
Turns lock to lock	3.0
Suspension, f/r	MacPherson struts , lower A-arms, coil springs, tube shocks, anti-roll bar/ multilink , coil springs, tube shocks, anti-roll bar

Accommodations

Seating capacity	2
Head room, f/r	35.5 in./na
Front-seat leg room	45.0 in.
Rear-seat knee room	na
Trunk space	5.0 cu ft

Seating capacity	2
Head room, f/r	37.0 in./na
Front-seat leg room	43.0 in.
Rear-seat knee room	na
Trunk space	13.3 cu ft

Seating capacity	2+2
Head room, f/r	37.3 in./30.8 in.
Front-seat leg room	43.5 in.
Rear-seat knee room	18.5 in.
Trunk space	4.6 cu ft

Acura NSX		Chevrolet Corvette Z06		Porsche 911 Carrera	
Engine					
Type	dohc 4-valve/cyl V-6	ohv 2-valve/cyl V-8		dohc 4-valve/cyl flat-6	
Displacement	3179 cc	5665 cc		3596 cc	
Bore x stroke	93.0 x 78.0 mm	99.0 x 92.0 mm		96.0 x 82.8 mm	
Compression ratio	10.2:1	10.5:1		11.3:1	
Horsepower (SAE)	290 bhp @ 7100 rpm	405 bhp @ 6000 rpm		320 bhp @ 6800 rpm	
Torque	224 lb-ft @ 5500 rpm	400 lb-ft @ 4800 rpm		273 lb-ft @ 4250 rpm	
Redline	8000 rpm	6500 rpm		7000 rpm	
Fuel injection	elect. sequential port	elect. sequential port		elect. sequential port	
Rec. fuel.	prem. unleaded, 91 pump oct	prem. unleaded, 91 pump oct		prem. unleaded, 91 pump oct	
Acceleration					
Time to speed, sec					
0-20 mph	1.0	1.3		1.1	
0-40 mph	2.7	2.8		2.8	
0-60 mph	5.0	4.7		4.9	
0-80 mph	8.0	7.4		8.1	
0-100 mph	12.0	10.8		12.2	
Time to distance					
0-1320 ft (¼ mile)	13.4 @ 105.9 mph	13.1 @ 111.0 mph		13.4 @ 105.1 mph	
Braking					
Minimum stopping distance					
From 60 mph	117 ft	118 ft		117 ft	
From 80 mph	215 ft	212 ft		204 ft	
Control	excellent	excellent		excellent	
Brake feel	very good	very good		very good	
Overall brake rating	very good	very good		excellent	
Handling					
Lateral accel (200-ft skidpad)					
	0.91g	0.97g		0.91g	
Balance	moderate understeer	mild understeer		moderate understeer	
Speed thru 700-ft slalom					
	65.8 mph	67.5 mph		67.6 mph	
Balance	mild understeer	mild understeer		mild understeer	
Drivetrain					
Transmission					
	6-speed manual	6-speed manual		6-speed manual	
Gear/Ratio/Overall/(Rpm) Mph					
1st, :1	3.07/12.46/(8000) 46	2.97/10.16/(6500) 48		3.82/13.56/(7300) 39	
2nd, :1	1.96/7.95/(8000) 72	2.07/7.08/(6500) 69		2.20/7.81/(7300) 68	
3rd, :1	1.43/5.80/(8000) 99	1.43/4.89/(6500) 100		1.52/5.40/(7300) 98	
4th, :1	1.13/4.57/(8000) 125	1.00/3.42/(6500) 143		1.22/4.33/(7300) 122	
5th, :1	0.91/3.71/(8000) 154	0.84/2.87/(6500) 170		1.02/3.62/(7300) 146	
6th, :1	0.72/2.45/est (5975) 175	0.56/2.45/est (4280) 171		0.84/2.45/est (6175) 177	
Final drive ratio	4.06:1	3.42:1		3.44:1	
Engine rpm @ 60 mph in top gear	2500 rpm	1500 rpm		2300 rpm	
Fuel Economy					
Our driving					
	18.4 mpg	18.7 mpg		20.0 mpg	
EPA city/highway	17/24 mpg	19/28 mpg		18/26 mpg	
Cruise range	340 miles	346 miles		338 miles	
Fuel capacity	18.5 gal.	18.5 gal.		16.9 gal.	
Interior Noise					
Idle in neutral					
	52 dBA	66 dBA		62 dBA	
Maximum, 1st gear					
	85 dBA	86 dBA		83 dBA	
70 mph	80 dBA	85 dBA		83 dBA	

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



■ **"Just hold on as tight as you can and pray." Millen gives Mitani tips on driving on a slick track while Monticello listens in. We tested the cars at a different site than usual, which is why their acceleration times are a bit off from those published previously.**