

## SPECIFICATIONS

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

### GENERAL INFORMATION

Body Style \_\_\_\_\_ Sports Coupe and Roadster  
 Assembly Plant \_\_\_\_\_ Osnabrück, Germany  
 EPA Vehicle Class \_\_\_\_\_ Two-seater  
 Introduction Date \_\_\_\_\_ Summer 2004

### ENGINE: SUPERCHARGED 3.2-LITER, SOHC, 18-VALVE SMPI V-6

Availability \_\_\_\_\_ Sports Coupe and Roadster  
 Type and Description \_\_\_\_\_ Supercharged, 90-degree bank angle, liquid-cooled and twin ignition  
 Displacement \_\_\_\_\_ 195.2 cu. in. (3199 cu. cm)  
 Bore x Stroke \_\_\_\_\_ 3.54 x 3.31 (89.9 x 84)  
 Valve System \_\_\_\_\_ SOHC, two intake valves and one exhaust valve per cylinder, roller rocker arms  
 Fuel Injection \_\_\_\_\_ Sequential, multi-port, electronic  
 Construction \_\_\_\_\_ High-pressure die-cast aluminum alloy block with Silitec alloy liners and cast-aluminum alloy heads  
 Compression Ratio \_\_\_\_\_ 9.0:1  
 Power (SAE net) \_\_\_\_\_ 330 hp (246 kW) @ 6100 rpm  
 Torque (SAE net) \_\_\_\_\_ 310 lb.-ft. (420 N•m @ 3500-4800 rpm  
 Max. Engine Speed \_\_\_\_\_ 6400 rpm electronically limited  
 Fuel Requirement \_\_\_\_\_ Unleaded premium—91 Octane (R+M)/2  
 Oil Capacity \_\_\_\_\_ 8.5 qt. (8.0L) with dry filter  
 Coolant Capacity \_\_\_\_\_ 11.8 qt. (11.2L)  
 Emission Controls \_\_\_\_\_ Three-way catalytic converters and internal engine features(a)  
 Max. Gross Trailer Weight \_\_\_\_\_ Not recommended  
 Estimated EPA Fuel Economy mpg (City/Hwy)(b) \_\_\_\_\_ 17/25—automatic transmission

(a) Meets LEV 1 requirements for California, NY, MA, ME, VT; meets Tier 2, Bin 9 for all other states.  
 Meets Stage IV emission requirements in Europe.

(b) Compare the estimated mpg to the estimated mpg of other vehicles. You may get different mileage depending on how fast you drive, weather conditions and trip length. Your actual highway mileage will probably be less than the highway estimate.

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### TRANSMISSION: AUTOMATIC, FIVE-SPEED OVERDRIVE

Description	Adaptive electronic control or AutoStick® driver-interactive manual control and lockup torque converter clutch
Torque Converter Stall Torque Ratio	1.96
Gear Ratios	
1st	3.595
2nd	2.186
3rd	1.405
4th	1.00
5th	0.831
Reverse	3.16, 1.93
Final Drive Ratio	3.07
Overall Top Gear	2.55

### ELECTRICAL SYSTEM

Alternator	120-amp
Battery	Group 48, maintenance-free, 700 CCA

### DIMENSIONS AND CAPACITIES(a)

Wheelbase	94.5 (2400)
Track, Front	58.8 (1493)
Track, Rear	59.1 (1502)
Overall Length	159.8 (4059)
Overall Width	69.5 (1766)
Overall Height	Coupe, 51.5 (1307); Roadster 51.8 (1315)
Ground Clearance	4.9 (124)
Curb Weight	Coupe 3240 (1469 kg) Roadster 3328 (1509 kg)
Weight Distribution, F/R	55/45 Coupe 54/46 Roadster
Cargo Capacity (NAFTA)	Coupe 207 lbs. (94 Kg) Roadster 126 lbs. (57 Kg)
Frontal Area	Coupe 20.56 sq. ft. (1.91 sq. m) Roadster 20.62 sq. ft. (1.916 sq. m)
Drag Coefficient	0.370 (Coupe) 0.384 (Roadster)
Fuel Tank Capacity	15.85 gal. (60L)

(a) All dimensions measured at curb weight.

continued

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### ACCOMMODATIONS

Seating Capacity \_\_\_\_\_ 2

Front

Head room \_\_\_\_\_ Coupe: 36.9 (936)

Roadster: 37.3 (948)

Leg room \_\_\_\_\_ 42.7 (1085)

Shoulder room \_\_\_\_\_ 52.7 (1338)

Hip room \_\_\_\_\_ 53.3 (1354)

Seat travel \_\_\_\_\_ 7.6 (194)

Volume index \_\_\_\_\_ Coupe: 48.0 cu. ft. (1.36 cu. m)

Roadster: 48.6 cu. ft. (1.37 cu. m)

Cargo Volume Index \_\_\_\_\_ Coupe: 7.6 cu. ft. (215L)

Roadster: 6.5 cu. ft. (190L) with top up

3.6 cu. ft. (104L) with top down

### BODY

Layout \_\_\_\_\_ Longitudinal front engine, rear-wheel drive

Construction \_\_\_\_\_ Unitized steel body

### SUSPENSION

Type \_\_\_\_\_ Performance Standard

Front \_\_\_\_\_ Upper and lower "A" arm independent with coil springs, gas-charged shock absorbers and stabilizer bar

Rear \_\_\_\_\_ Five-link independent with coil springs, link-type stabilizer bar and gas-charged shock absorbers

### STEERING

Type \_\_\_\_\_ Power recirculating ball

Overall Ratio \_\_\_\_\_ 16.7:1

Turning Diameter

(Curb-to-curb) \_\_\_\_\_ 32.2 ft. (9.8 m)

Steering Turns (lock-to-lock) \_\_\_\_\_ 3.1

continued

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### TIRES

See also Tires, Wheels and Wheel Covers under Feature Availability

#### Standard

Size and type \_\_\_\_\_ 225/40ZR18—front, 255/35ZR19—rear

Mfr. and model \_\_\_\_\_ 2nd generation Michelin Pilot Sport

#### Optional

Size and type \_\_\_\_\_ 225/40ZR18—front, 255/35ZR19—rear

Mfr. and model \_\_\_\_\_ Continental Touring Contact All-Season Performance

Revs per mile (km) \_\_\_\_\_ 818 (509)—front, 787 (489)—rear

### WHEELS

See also Tires, Wheels and Wheel Covers under Feature Availability

#### Standard

Type and material \_\_\_\_\_ Cast aluminum, SRT Design

Size \_\_\_\_\_ 18 x 7.5—front, 19 x 9—rear

### BRAKES

#### Front

Size and type \_\_\_\_\_ 13.0 x 1.25 (330 x 32) vented discs with 1.73 (44) diameter dual piston sliding calipers and ABS

Swept area \_\_\_\_\_ 359.8 sq. in. (2321.5 sq. cm)

#### Rear

Size and type \_\_\_\_\_ 11.8 x 0.87 (300 x 22) vented discs with 1.65 (42) diameter opposed-piston calipers and ABS

Swept area \_\_\_\_\_ 255.0 sq. in. (1645.0 sq. cm)

Power Assist Type \_\_\_\_\_ 7/8" Tandem Diaphragm Vacuum