

2006 CHRYSLER CROSSFIRE SRT 6

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 _____

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 bhp (246 kW) @ 6,100 rpm
Torque (SAE net) _____ 310 lb.-ft. (420 N•m) @ 3,500-4,800 rpm
Max. Engine Speed _____ 6,400 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) _____ 17/22—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.

continued

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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 _____ 2.186

2nd _____ 1.405

3rd _____ 1.00

4th _____ 0.831

5th _____ 3.16, 1.93

Reverse _____ 3.595

Final Drive Ratio _____ 3.07

Overall Top Gear _____ 2.55

ELECTRICAL SYSTEM

Alternator _____ 120A

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.

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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

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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