

SPECIFICATIONS

Dimensions are in inches (millimeters) unless otherwise noted.

GENERAL INFORMATION

Body Style _____ Four-door sedan
 Assembly Plant _____ Brampton, Ontario, Canada
 EPA Vehicle Class _____ Large car
 Introduction Date _____ April 2005, MY 2006

ENGINE: 6.1-LITER, HEMI® V-8

Availability _____ Standard
 Type and Description _____ 90-degree V-type, liquid-cooled
 Displacement _____ 370 cu. in. (6059 cu. cm)
 Bore x Stroke _____ 4.06 x 3.58 (103.0 x 90.9)
 Valve System _____ Pushrod-operated overhead valves, 16 valves,
 sixteen conventional hydraulic lifters, all with roller followers
 Fuel Injection _____ Sequential, multi-port, electronic, returnless
 Construction _____ Deep-skirt cast-iron block with cross-bolted main bearing caps,
 aluminum alloy heads with hemispherical combustion chambers
 Compression Ratio _____ 10.3:1
 Power (estimated SAE net) _____ 425 bhp (318 kW) @ 6,000 rpm (69.8 bhp/L)
 Torque (estimated SAE net) _____ 420 lb.-ft. (569 N•m) @ 4,800 rpm
 Max. Engine Speed _____ 6,400 rpm (electronically limited)
 Fuel Requirement _____ Premium 91 octane (R+M)/2—recommended,
 Oil Capacity _____ 7 qt. (6.6L)
 Factory Oil Fill _____ Mobil 10W-40 Synthetic
 Coolant Capacity _____ 14 qt. (13.25L)
 Emission Controls _____ Dual close-coupled three-way catalytic converters,
 quad heated oxygen sensors and internal engine features
 Max. Gross Trailer Weight _____ Not rated for trailer tow
 EPA Fuel Economy (mpg City/Hwy) _____ 14/20

TRANSMISSION: W5A580 FIVE-SPEED AUTOMATIC

Availability _____ Standard
 Description _____ Adaptive electronic control, Performance tuned
 AutoStick® driver-interactive manual control and
 electronically modulated torque converter clutch

continued

SPECIFICATIONS

TRANSMISSION: W5A580 FIVE-SPEED AUTOMATIC (CONTINUED)

Gear Ratios

1st _____	3.59
2nd _____	2.19
3rd _____	1.41
4th _____	1.00
5th _____	0.83
Reverse _____	3.17
Final Drive Ratio _____	3.06
Overall Top Gear _____	2.54

ELECTRICAL SYSTEM

Alternator _____	160-amp
Battery _____	H7 Case, 730 CCA, maintenance-free

DIMENSIONS AND CAPACITIES(a)

Wheelbase _____	120.0 (3,048)
Track, Front _____	63.0 (1,600)
Track, Rear _____	63.1 (1,603)
Overall Length _____	196.8 (4,999)
Overall Width _____	74.1 (1,881)
Overall Height _____	57.9 (1,471)
With SDAR Antenna _____	58.5 (1,486)
Ground Clearance _____	5.1 (129)
Frontal Area, sq. ft. (sq. m) _____	25.8 (2.40)
Drag coefficient _____	0.355
Curb weight, lb. (kg)—Est. _____	4160 (1888)
Weight dist., F/R _____	55/45
Fuel tank capacity, gal. (L) _____	19 (72)

ACCOMMODATIONS

Seating Capacity, F/R _____	2/3
Front	
Head room _____	38.7 (983)
Leg room _____	41.8 (1061)
Shoulder room _____	59.4 (1510)
Hip room _____	55.9 (1420)
Seat travel _____	Driver—10.6 (270), passenger—8.66 (220)
Recliner angle range, deg. _____	Driver—70, passenger—69
SAE volume, cu. ft. (cu. m) _____	55.6 (1.58)

(a) All dimensions measured at curb weight with standard tires.

continued

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ACCOMMODATIONS (CONTINUED)

Rear

Head room _____	38.0 (965)
Leg room _____	40.2 (1020)
Knee clearance _____	4.8 (122)
Shoulder room _____	57.7 (1466)
Hip room _____	55.9 (1421)
SAE volume, cu. ft. (cu. m) _____	51.0 (1.44)
Total interior volume, cu. ft. (cu. m) _____	106.6 (3.00)
SAE Cargo Volume, cu. ft. (cu. m) _____	15.6 (.442)
EPA Interior Volume Index, cu. ft. (cu. m) _____	122.2 (3.46)
Trunk Lifterover Height _____	30.2 (768)

BODY

Layout _____ Longitudinal front engine, rear-wheel drive
 Construction _____ Unitized Steel Body

SUSPENSION

*SRT tuned front & rear suspension

Front _____ Independent SLA with high upper "A" arm, coil spring over gas-charged monotube shock absorbers and stabilizer bar
 Rear _____ Five-link independent with coil springs, link-type stabilizer bar, gas-charged shock absorbers and isolated suspension cradle
 Nivomat™ self-leveling shock absorbers

STEERING

Type _____ Rack and pinion with hydraulic power assist
 Overall Ratio _____ 16.1:1
 Turning Diameter (curb-to-curb) _____ 38.9 ft. (11.9 m)
 Steering Turns (lock-to-lock) _____ 2.75

TIRES

Standard—(Optional in Canada)

Size and type _____ P245/45R20 three-season—Front
 P255/45R20 three-season—Rear
 Mfr. and model _____ Goodyear F1 Supercar
 Revs per mile (km) _____ 729 (452) Front, 720 (447) Rear

Optional—(Standard in Canada)

Size and type _____ 245/45R20 all-season—Front
 245/45R20 all-season—Rear
 Mfr. and model _____ Goodyear Eagle RS-A
 Revs per mile (km) _____ 729 (452) Front, 729 (452) Rear

continued

SPECIFICATIONS

WHEELS

Standard

Type and material _____ Forged polished aluminum
 Size _____ 20 x 9 in.

BRAKES

Front

Rotor size and type _____ 14.2 x 1.26 (360 x 32) vented
 Caliper size and type _____ 1.73 (44) Brembo four-piston fixed with aluminum housing
 Swept area _____ 351 sq. in. (2261 sq. cm)

Rear

Rotor size and type _____ 13.8 x 1.10 (350 x 28) vented
 Caliper size and type _____ 1.26 (32) Brembo four-piston fixed with aluminum housing
 Swept area _____ 316 sq. in. (2036 sq. cm)

Four-wheel Anti-lock and Traction Control _____ Standard

Electronic Stability Control and Brake Assist _____ Standard

Power Assist Type _____ 8x9 (203 x 229) active tandem-diaphragm vacuum booster