

SPECIFICATIONS

Dimensions are in inches (millimeters) unless otherwise noted.

GENERAL INFORMATION

Body Style _____ Sport Tourer
 Assembly Plant _____ Brampton, Ontario, Canada
 EPA Vehicle Class _____ Multi-purpose vehicle
 Introduction Date _____ Spring 2004 as 2005 model

ENGINE: 2.7-LITER, DOHC 24-VALVE V-6

Availability _____ Std.—SE
 Type and Description _____ 60-degree bank angle, liquid-cooled, active dual-tuned intake manifold with electronically controlled manifold tuning valve
 Displacement _____ 167 cu. in. (2736 cu. cm)
 Bore x Stroke _____ 3.38 x 3.09 (86 x 78.5)
 Valve System _____ DOHC, 24 valves, hydraulic end-pivot roller followers
 Fuel Injection _____ Sequential, multi-port, electronic
 Construction _____ Semi-permanent mold-aluminum block with cast in iron liners, cross-bolted main bearing caps, cast-aluminum heads
 Compression Ratio _____ 9.7:1
 Power (SAE net) _____ 190 bhp (142 kW) @ 6,400 rpm (70.4 bhp/L)
 Torque (SAE net) _____ 190 lb.-ft. (258 N•m) @ 4,000 rpm
 Max. Engine Speed _____ 6,600 rpm (electronically limited)
 Fuel Requirement _____ Unleaded regular, 87 octane (R+M)/2
 Oil Capacity _____ 6 qt. (5.7L) with dry filter
 Coolant Capacity _____ 9.5 qt. (9L)
 Emission Controls _____ Dual close-coupled three-way catalytic converters, quad heated oxygen sensors and internal engine features(a)
 Max. Gross Trailer Weight _____ 1,000 lbs. (454 kg)
 EPA Fuel Economy mpg (City/Hwy) _____ 21/28

(a) Meets Federal Tier 2, Bin 8 emissions requirements; marketed in California as an ULEV1 (Ultra-Low Emission Vehicle) under cleanest vehicle rules.

continued



DODGE MAGNUM

SPECIFICATIONS

ENGINE: 3.5-LITER, HIGH OUTPUT, SOHC 24-VALVE V-6

Availability _____ Std.—SXT (RWD) Package and AWD SXT model
 Type and Description _____ 60-degree, liquid-cooled, active three-plenum intake manifold with electronically controlled manifold tuning valve and short-runner valves

Displacement _____ 214.7 cu. in. (3518 cu. cm)
 Bore x Stroke _____ 3.78 x 3.19 (96 x 81)
 Valve System _____ SOHC, 24 valves, hydraulic, center-pivot roller rocker arms
 Fuel Injection _____ Sequential, multi-port, electronic
 Construction _____ Precision cast mold-aluminum block with cast in iron liners, cross-bolted main bearing caps and cast-aluminum heads

Compression Ratio _____ 10.10:1
 Power (SAE net) _____ 250 bhp (186 kW) @ 6,400 rpm (70.0 bhp/L)
 Torque (SAE net) _____ 250 lb.-ft. (340 N•m) @ 3,800 rpm
 Max. Engine Speed _____ 6,800 rpm (electronically limited)
 Fuel Requirement _____ Unleaded mid-grade, 89 octane (R+M)/2—recommended, unleaded regular, 87 octane (R+M)/2—acceptable

Oil Capacity _____ 6 qt. (5.7L) with dry filter
 Coolant Capacity _____ 10.3 qt. (9.75L)
 Emission Controls _____ Dual close-coupled three-way catalytic converters, quad heated oxygen sensors and internal engine features(a)

Max. Gross Trailer Weight _____ 2,000 lbs. (907 kg)
 EPA Fuel Economy mpg (City/Hwy) _____ RWD—19/27, AWD—17/24

(a) Meets Federal Tier 2, Bin 8 emissions requirements; marketed in California as an ULEV1 (Ultra-Low Emission Vehicle) under cleanest vehicle rules.

continued

SPECIFICATIONS

ENGINE: 5.7-LITER, HEMI® MULTI-DISPLACEMENT V-8

Availability _____ Std.—R/T (AWD and RWD)
 Type and Description _____ 90-degree V-type, liquid-cooled
 Displacement _____ 345 cu. in. (5654 cu. cm)
 Bore x Stroke _____ 3.92 x 3.58 (99.5 x 90.9)
 Valve System _____ Pushrod-operated overhead valves, 16 valves, eight deactivating and eight 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 _____ 9.6:1
 Power (SAE net) _____ 340 bhp (254 kW) @ 5,000 rpm, (59.6 bhp/L)
 Torque (SAE net) _____ 390 lb.-ft. (525 N•m) @ 4,000 rpm
 Max. Engine Speed _____ 5,800 rpm (electronically limited)
 Fuel Requirement _____ Unleaded mid-grade, 89 octane (R+M)/2—recommended, unleaded regular, 87 octane (R+M)/2—acceptable
 Oil Capacity _____ 7 qt. (6.6L)
 Coolant Capacity _____ 13.75 qt. (13L)
 Emission Controls _____ Dual close-coupled three-way catalytic converters, quad heated oxygen sensors and internal engine features(a)
 Max. Gross Trailer Weight _____ 2,000 lbs. (907 kg)—std. 3,800 lbs. (1724 kg)—opt.
 EPA Fuel Economy, mpg (City/Hwy) _____ RWD—17/25, AWD—17/24

TRANSMISSION: AUTOMATIC, FOUR-SPEED OVERDRIVE

Availability _____ Included with 2.7L and RWD 3.5L engines (until Sept. 2005) Std. SE
 Description _____ Three planetary gear sets, one overrunning clutch, full electronic control, electronically controlled torque converter clutch, (Variable Line Pressure [VLP]—late availability)
 Gear Ratios
 1st _____ 2.84
 2nd _____ 1.57
 3rd _____ 1.00
 4th _____ 0.69
 Reverse _____ 2.21
 Final Drive Ratio _____ 2.7L—3.90, 3.5L—3.64
 Overall Top Gear Ratio _____ 2.7L—2.70, 3.5L—2.51

(a) Meets Federal Tier 2, Bin 8 emissions requirements; marketed in California as an ULEV1 (Ultra-Low Emission Vehicle) under cleanest vehicle rules.

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TRANSMISSION: AUTOMATIC, FIVE-SPEED AUTOMATIC

Availability _____ Std. R/T, included with AWD, late availability on SXT (RWD) Package
Description _____ Adaptive electronic control or AutoStick driver-interactive manual control
and electronically modulated torque converter clutch

Gear Ratios

1st _____	3.59
2nd _____	2.19
3rd _____	1.41
4th _____	1.00
5th _____	0.83
Reverse _____	3.17
Final Drive Ratio _____	5.7L RWD—2.82, AWD All—3.07
Overall Top Gear _____	5.7L RWD—2.34, AWD All—2.55

TRANSFER CASE

Availability _____ Std. with all-wheel drive
Type _____ Single-speed constant engagement
Center Differential _____ Planetary
Torque Split, Front/Rear _____ 38/62

ELECTRICAL SYSTEM

Alternator _____ SE 140-amp, SXT and R/T—160-amp
Battery _____ H7 Case, 600 CCA, maintenance-free

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SPECIFICATIONS

DIMENSIONS AND CAPACITIES(a)

Wheelbase _____	120.0 (3048)
Track, Front _____	63.0 (1600)
Track, Rear _____	63.1 (1603)
Overall Length _____	197.7 (5021)
Overall Width _____	74.1 (1881)
Overall Height _____	58.4 (1481)
Ground Clearance _____	5.6 (143)
Frontal Area, sq. ft. (sq. m) _____	25.4 (2.36)
Drag Coefficient _____	SE-0.337, SXT Package-0.346, R/T rear-wheel drive-0.355, SXT and R/T AWD-0.365
Curb Weight, lb. (kg) _____	SE-3847 (1745), SXT Package-3895 (1766), SXT AWD-4159 (1886), R/T-4179 (1895), R/T AWD-4393 (1992)
Weight Distribution, percent F/R _____	SE-51/49, SXT Package and R/T-52/48, SXT AWD-53/47, R/T AWD-54/46
Fuel Tank Capacity, gal. (L) _____	SE and SXT Package-18 (68), SXT AWD and R/T RWD and AWD-19 (72)

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

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DODGE MAGNUM

SPECIFICATIONS

ACCOMMODATIONS

Seating Capacity, F/R _____ 2/3

Front

Head room _____ 38.4 (983)

Leg room _____ 41.8 (1061)

Shoulder room _____ 58.7 (1490)

Hip room _____ 56.2 (1427)

Seat travel _____ Driver—10.6 (270), passenger—8.66 (220)

Recliner angle range, deg. _____ Driver—70, passenger—69

SAE front volume index, cu. ft. (cu. m) _____ 55.0 (1.56)

Rear Seat

Head room _____ 38.1 (968)

Leg room _____ 40.2 (1020)

Knee clearance _____ 4.8 (122)

Shoulder room _____ 57.6 (1464)

Hip room _____ 55.5 (1409)

SAE rear seat volume index, cu. ft. (cu. m) _____ 50.9 (1.44)

SAE interior volume, cu. ft. (cu. m) _____ 105.9 (3.00)

Cargo Volume Indexes

Rear seats up, cu. ft. (L) _____ 27.2 (770)

Rear seats folded, cu. ft. (cu. m) _____ 71.6 (2.03)

EPA interior volume index, cu. ft. (cu. m) _____ 133.1 (3.77)

Liftover height _____ 29.7 (752)

BODY

Layout _____ Longitudinal front engine, rear-wheel drive or all-wheel drive

Construction _____ Unitized steel body

SUSPENSION

Front _____ Independent SLA with high upper "A" arm, coil spring over gas-charged shock absorbers and stabilizer bar—std. All;
 Lateral and diagonal lower links
 with dual ball joint knuckle—std. RWD,
 Lower "A" arm—std. AWD

Rear _____ Five-link independent with coil springs, link-type stabilizer bar,
 gas-charged shock absorbers and isolated suspension cradle—Std.
 Nivomat™ self-leveling shock absorbers—Opt.

continued

SPECIFICATIONS

STEERING

Type _____ Rack and pinion with hydraulic power assist
 Overall Ratio _____ 16.1:1
 Turning Diameter (curb-to-curb) _____ Rear-wheel drive—38.9 ft. (11.9 m),
 all-wheel drive—38.8 ft (11.8 m)
 Steering Turns (lock-to-lock) _____ Rear-wheel drive—2.75, all-wheel drive—2.90

TIRES

SE and SXT Package—Standard

Size and type _____ P215/65R1798T black sidewall all-season ride
 Mfr. and model _____ Goodyear Integrity
 Revs per mile (km) _____ 730 (454)

Optional

Size and type _____ P215/65R1798T black sidewall all-season ride, self-sealing
 Mfr. and model _____ Continental CT95 ContiSeal™
 Revs per mile (km) _____ 730 (454)

R/T—Standard

Size and type _____ P225/60R18H99H all-season touring
 Mfr. and model _____ Continental CH95
 Revs per mile (km) _____ 735 (457)

Optional

Size and type _____ P225/60R18H99H all-season touring self-sealing
 Mfr. and model _____ Continental CH95 ContiSeal
 Revs per mile (km) _____ 735 (457)

SXT and R/T AWD—Standard

Size and type _____ P225/60R18H99H all-season touring
 Mfr. and model _____ Continental 4x4 Contact
 Revs per mile (km) _____ 735 (457)

Optional

Size and type _____ P225/60R1899H all-season touring self-sealing
 Mfr. and model _____ Continental CH95 ContiSeal
 Revs per mile (km) _____ 735 (457)

continued

SPECIFICATIONS

WHEELS

SE—Standard

Type and material _____ Stamped-steel
 Size _____ 17 x 7.0

SXT Package—Standard

Type and material _____ Machined-aluminum
 Size _____ 17 x 7.0

R/T—Standard, SXT Package—Optional

Type and material _____ Polished-aluminum
 Size _____ 18 x 7.5

SXT and R/T—AWD—Standard

Type and material _____ Polished-aluminum
 Size _____ 18 x 7.5

BRAKES

SE and SXT Package

Front

Rotor size and type _____ 12.6 x 1.1 (320 x 28) vented
 Caliper size and type _____ 2.36 (60) single-piston sliding with aluminum housing
 Swept area _____ 254.8 sq. in. (1644 sq. cm)

Rear

Rotor size and type _____ 12.6 x 0.4 (320 x 10) solid
 Caliper size and type _____ 1.65 (42) single-piston sliding with aluminum housing
 Swept area _____ 260.4 sq. in. (1680 sq. cm)
 Four-wheel anti-lock and traction control _____ Std.—SXT Package, opt.—SE
 Electronic stability control and brake assist _____ Std.—SXT Package, opt.—SE

Power Assist Type

Std.—SE _____ 8 x 9 (203 x 209) tandem-diaphragm vacuum booster
 Std.—SXT Package, Opt.—SE _____ 8 x 9 (203 x 209) active tandem-diaphragm vacuum booster

SXT AWD and R/T AWD and RWD

Front

Rotor size and type _____ 13.6 x 1.1 (345 x 28) vented
 Caliper size and type _____ 1.65 (42) dual-piston sliding with aluminum housing
 Swept area _____ 292 sq. in. (1884 sq. cm)

Rear

Rotor size and type _____ 12.6 x 0.87 (320 x 22) vented
 Caliper size and type _____ 1.65 (42) single-piston sliding with aluminum housing
 Swept area _____ 260.4 sq. in. (1680 sq. cm)
 Four-wheel anti-lock and traction control _____ Std.
 Electronic stability control and brake assist _____ Std.

Power Assist Type _____ 8 x 9 (203 x 209) tandem-diaphragm vacuum