

# 2006 DODGE MAGNUM SRT8 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 \_\_\_\_\_ Mid 2005 as 2006 model

## ENGINE: 6.1-LITER, HEMI® V-8

Availability \_\_\_\_\_ Std. – Magnum SRT8  
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,  
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 \_\_\_\_\_ 10.3:1  
Power (estimated SAE net) \_\_\_\_\_ 425 bhp (318 kW) @ 6000 rpm, (69.8 bhp/L)  
Torque (estimated SAE net) \_\_\_\_\_ 420 lb.-ft. (569 N•m) @ 4800 rpm  
Max. Engine Speed \_\_\_\_\_ 6400 rpm (electronically limited)  
Fuel Requirement \_\_\_\_\_ Premium 91 octane (R+M)/2—recommended,  
Oil Capacity \_\_\_\_\_ 7 qt. (6.6L)  
Coolant Capacity \_\_\_\_\_ 14 qt. (13.25L)  
Emission Controls \_\_\_\_\_ Dual close-coupled three-way catalytic converters,  
quad heated oxygen sensors and internal engine features

## TRANSMISSION: W5A580 FIVE-SPEED AUTOMATIC

Availability \_\_\_\_\_ Std. – Magnum SRT8  
Description \_\_\_\_\_ Adaptive electronic control, Performance tuned 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 \_\_\_\_\_ 3.06  
Overall Top Gear \_\_\_\_\_ 2.54

## ELECTRICAL SYSTEM

Alternator \_\_\_\_\_ 160-amp  
Battery \_\_\_\_\_ H7 Case, 600 CCA, maintenance-free

## 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 \_\_\_\_\_ 57.9 (1471)



\_\_\_\_\_ P255/45R20 - Rear  
 Mfr. and model \_\_\_\_\_ 3 Season Goodyear F1 Supercar  
 Revs per mile (km) \_\_\_\_\_ 729 (452) Front , 720 (447) Rear  
*Optional – Magnum SRT8*  
 Size and type \_\_\_\_\_ 245/45R20 - Front  
 \_\_\_\_\_ 245/45R20 - Rear  
 Mfr. and model \_\_\_\_\_ 4 Season Goodyear RS-A  
 Revs per mile (km) \_\_\_\_\_ 729 (452) Front , 729 (452) Rear

## WHEELS

*Standard – Magnum SRT8*

Type and material \_\_\_\_\_ Forged Polished Aluminum  
 Size \_\_\_\_\_ 20 x 9 in.

## BRAKES

Front

Rotor size and type \_\_\_\_\_ 14.2 x 1.26 ( 360 x 32.0 ) vented  
 Caliper size and type \_\_\_\_\_ 1.73 (44) Brembo 4-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 4-piston fixed with aluminum housing  
 Swept area \_\_\_\_\_ 316 sq. in. (2036 sq. cm)

Four-wheel anti-lock and traction control \_\_\_\_\_ Std

Electronic stability control and brake assist \_\_\_\_\_ Std

Power assist type

Std. on Magnum SRT8 \_\_\_\_\_ 8x9 (203 x 229) active tandem-diaphragm vacuum booster