

*LEGEND: S=Standard, O=Optional, P=Package, — = Not available*

*Complete package information is listed at the end of the Feature Availability section.*

*NOTE: Information shown is correct at time of publication, and is subject to change without notice.*

## 2008 Dodge Magnum SRT8 FEATURE AVAILABILITY

	SRT8
<b>EXTERIOR</b>	
Colors: Bright Silver Metallic, Brilliant Black Crystal Pearl Coat, Steel Blue Metallic Pearl Coat, and TorRed	O
Badging—"SRT8"	
Decklid	S
Grille insert	S
Door Handles—Body color	S
Fascias	
Front—Aero-design with integrated brake cooling ducts	S
Rear—Integrated lower strakes	S
Grille—Black honeycomb insert	S
Headlamps—Automatic	P
Functional hood scoop	S
Mirrors	
Body color	S
Foldable	S
Rear spoiler	S
Sun roof—Power	O
<b>INTERIOR</b>	
Air conditioning	
Manual temperature controls	S
Automatic dual-zone climate control with infrared sensors and individual driver/passenger settings	P
Badging—"SRT8" below right-hand air conditioning outlet duct	S
Electronic Vehicle Information Center (EVIC)	S
Colors: Dark/Light Slate Gray	O
Center stack—Satin Silver bezel	S
Instrument cluster	
180-mph (300-kph) speedometer, tachometer and temperature gauges	S
Driver configurable LED display for oil temperature, oil pressure and tire pressure	S

	<b>SRT8</b>
Lighting—LED illumination in front cup holders, front/rear door-map pockets	S
Power adjustable pedals	S
<b>Seats</b>	
Power adjustable performance sport seats	S
Performance suede inserts	S
Contrasting red stitching	S
Heated	P
Satin Silver shift bezel and lock knobs	S
SIRIUS Satellite Radio	S
<b>Sound Systems</b>	
AM/FM/CD MP3 radio	S
Navigation radio with integrated display	P
Kicker audio system with 6 CD/DVD	P
Rear-seat Video system, including Kicker Mobile Surround Sound and SIRIUS Backseat TV	O
DVD-based navigation system	O
Steering wheel-mounted Audio Mounted Controls	S
Steering wheel—Carbon-fiber leather trim with agate-color stitching	S
UConnect® Hands-free Communication System	P
<b>Windows</b>	
Power, Driver 1-touch	S
Power Front, 1-touch express up and down	P

### **POWERTRAIN AND CHASSIS**

6.1L HEMI® V-8 Engine and five-speed automatic transmission with Auto Stick	S
Brakes—Brembo power four-wheel Anti-lock Brake System (ABS)	S
Brake Assist	S
Electronic Stability Program (ESP)—Unique calibration and three-position switching	S
Unique Engine Controller and Transmission Calibration	S
Exhaust System with 3.5-inch tips and revised tuning	S
<b>Suspension</b>	
SRT-tuned dampers, specially tailored spring rates and suspension bushings	S
Large diameter anti-sway bars	S
Modified front and rear knuckles	S
Tip start ignition	S
Tire Pressure Monitoring System	S
<b>Tires</b>	
Front—P245/45R20 Goodyear F1 three-season	O
Rear—P255/45R20 Goodyear F1 three-season	O
Front—P245/45R20 Goodyear RSA four-season	S
Rear—P255/45R20 Goodyear RSA four-season	S

Wheels

	SRT8
20-inch forged aluminum	S

### SAFETY AND SECURITY

Air Bags—Advanced multi-stage system(a)	S
Anti-lock Brake System (ABS)	S
Supplemental side curtain air bags	O
Electronic Stability Program (ESP)	S
Energy-absorbing steering column	S
Occupant Classification System (OCS)	S
Seat belts	
Front: Height-adjustable three-point belts with constant-force retractors, pretensioners and traveling buckles	S
Rear: Three-point for all seating positions	S
LATCH (Lower Anchors and Tethers for CHildren)	S

(a) Certified to the federal regulation for automatic passenger occupant classification. Always use seat belts.

Children 12 and under should always be in a back seat correctly using an infant or child restraint system, or the seat belt positioned correctly for the child's age and size. The OCS determines the conditions for activation or deactivation of the passenger-side front air bag based upon the weight of the occupant. It may not activate the air bag if the occupant has incorrect seating posture or is moving in the seat. You should observe the air bag lamp to determine if the OCS is deciding properly. Passengers should sit properly in the seat with the seat belt fastened at all times.

### PACKAGES

<b>SRT Package 1</b> -- Includes air filtering, automatic temperature control air conditioning with dual-zone, heated front seats, automatic headlamps, express-up windows, remote start	O
<b>SRT Package 2</b> -- Includes Kicker audio system, 200-watt subwoofer, 322-watt amplifier, AM/FM 6 CD/DVD MP3 radio,, security alarm	O
<b>SRT Package 3</b> -- Includes navigation radio—AM/FM with integrated display, SIRIUS Satellite Radio, UConnect <sup>®</sup> Hands-free Communication System	O
<b>SRT Track Experience</b> -- Includes a one-day driving experience designed for SRT owners and performance enthusiasts to maximize their driving knowledge and skills on the street, strip or track. All SRT owners and enthusiasts are eligible to participate in this day-long event held at selected tracks through the season with first-rate driving instruction from the professionals at the Richard Petty Racing School	S

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## 2008 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	Standard—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) @ 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 1 0W-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, lb. (kg)	3,800 (1724)
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
Gear Ratios	
1st	3.59
2nd	2.19

3rd	1.41
4th	1
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)
With SDAR Antenna	58.5 (1486)
Ground Clearance	5.1 (129)
Frontal Area, sq. ft. (sq. m)	25.8 (2.40)
Drag Coefficient	0.358 (estimated)
Curb Weight, lb. (kg)—estimated	4260 (1932)
Weight Distribution, percent F/R	53/47
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	58.7 (1490)
Hip Room	56.2 (1427)
Seat Travel	Driver—10.6 (270), passenger—8.66 (220)
Recliner Angle Range	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)

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

## ACCOMMODATIONS

Cargo Volume Indexes	
Rear Seats Up, cu. ft. (cu. m)	27.2 (0.77)
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
Construction	Unitized steel body

## SUSPENSION

SRT-tuned Front and Rear Suspension	
Front	Independent SLA with high upper "A" arm, coil spring over gas-charged monotube Bilstein shock absorbers and stabilizer bar
Rear	Five-link independent with coil springs, link-type stabilizer bar, gas-charged monotube Bilstein 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	
Size and Type	245/45R20 all-season—front 245/45R20 all-season—rear
Mfr. and Model	Goodyear Eagle RS-A
Optional	
Size and Type	P245/45R20 three-season—front P255/45R20 three-season—rear
Mfr. and Model	Goodyear F1 Supercar

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Revs per Mile (km)	729 (452) front, 720 (447) rear
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Revs per Mile (km)	729 (452) front, 729 (452) rear
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## **WHEELS**

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Standard

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Type and Material	Forged polished aluminum
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Size	20 in. x 9 in.
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## **BRAKES**

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Front

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Rotor Size and Type	14.2 x 1.26 (360 x 32.0) vented
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Caliper Size and Type	1.73 (44) Brembo four-piston fixed with aluminum housing
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Swept Area	351 sq. in. (2261 sq. cm)
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Rear

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Rotor Size and Type	13.8 x 1.10 (350 x 28) vented
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Caliper Size and Type	1.26 (32) Brembo four-piston fixed with aluminum housing
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Swept Area	316 sq. in. (2036 sq. cm)
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Four-wheel Anti-lock Brake System (ABS) and Traction Control	Std.
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Electronic Stability Control and Brake Assist	Std.
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Power Assist Type	8 x 9 (203 x 229) active tandem-diaphragm vacuum booster
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