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2007 Dodge Magnum SRT8 Hauls in More Ways Than One

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Powered by a 425-horsepower (317-kW), 6.1-liter HEMI® V-8 and possessing 71.6 cubic feet of cargo space, the 2007 Dodge Magnum SRT8 provides plenty of utility as well as incredible Street and Racing Technology (SRT) performance.

That performance includes a 0-60-mph time in the low 5-second range, 0-100-0 mph in under 17 seconds and a 60-0-mph stopping distance of approximately 110 feet.

But the 2007 Dodge Magnum SRT8's performance isn't just acceleration and braking. There's also world-class ride and handling across a dynamic range; race-inspired interior appointments; and functional, performance-oriented exterior styling.

"High performance and utility don't have to be mutually exclusive," said Kipp Owen, Director – Street and Racing Technology, Chrysler Group. "The 2007 Dodge Magnum SRT8 provides all the signature SRT performance. This is a sport-tourer that can generate 0.88 g on the skid pad, with seating for five and enough cargo room in the rear to handle a 27-inch television."

"WHAT'S NEW FOR 2007"

New Models

Exterior

- New colors: Steel Blue Metallic Clear Coat and TorRed

Interior

Optional Rear Seat Video system, including Kicker Mobile Surround Sound

Packages

- SRT Track Experience—Standard

DESIGN

Trevor Creed, Senior Vice President – Design, Chrysler Group: *"The Dodge Magnum's high beltline, tapered roofline and unique body-to-glass proportions are dramatic by themselves, but with the SRT treatment, the performance quotient is greatly accentuated. It looks every bit as aggressive as it is capable."*

The 2007 Dodge Magnum SRT8's modified front fascia increases cooling through integrated ducts that help direct air to cool the brakes. A front air dam reduces lift, while in the rear, a modified fascia with an integrated wake modifier and aggressive cutouts accommodate dual 3.5-inch exhaust tips.

Dodge Magnum SRT8 styling is also unique with a black honeycomb grille insert, satin-finish front and rear bumper inserts, body-color mirrors and door handles, and unique SRT badging.

The 2007 Dodge Magnum SRT8's interior features power-adjustable, deeply sculpted and highly bolstered sport seats in the front, complete with performance suede inserts to hold occupants during maneuvering. All seats have contrasting red stitching.

Other amenities befitting the performance-oriented character of the 2007 Dodge Magnum SRT8's interior include carbon fiber-leather trim for better grip on the steering wheel, special carbon fiber finishing on the center stack, and full-performance instrumentation, including a 180-mph (300-kph) speedometer, a tachometer and a temperature gauge.

ENGINEERING

Kipp Owen, Director – Street and Racing Technology, Chrysler Group: *“Dodge Magnum offers bold, in-your-face styling with great performance. The 2007 Dodge Magnum SRT8 is a ‘Magnum on steroids’ that delivers benchmark performance at the best price.”*

SRT engineers developed the Dodge Magnum SRT8's HEMI V-8 engine to produce 425 horsepower (317 kW) and 420 lb.-ft. (569 N•m) of torque by adding cubic inches, increasing the compression ratio, and redesigning the cylinder head and intake and exhaust systems for better flow and increased engine speed.

Power for the SRT 6.1-liter HEMI is channeled through a five-speed automatic transmission with specially calibrated, driver-selectable Auto Stick, which offers fully automatic or manual shifting selection. A heavy-duty, four-flange prop shaft sends the torque from the transmission to an upgraded differential and axles.

Chassis setup for the 2007 Dodge Magnum SRT8 is aimed at all-around performance with SRT-tuned dampers, tailored spring rates and suspension bushings, and large-diameter anti-sway bars. For added stability and aerodynamic benefit, the ride height of the Magnum SRT8 is one-half inch lower than the Dodge Magnum, while the Electronic Stability Program (ESP) has been tuned for the 2007 Dodge Magnum SRT8's performance-handling characteristics.

The braking system of the 2007 Magnum SRT8 features performance calipers developed by Brembo and finished in red. Each is equipped with four pistons, gripping 360 mm x 32 mm vented rotors up front, with 350 mm x 26 mm vented rotors in the rear.

PRODUCT HIGHLIGHTS

Dodge Magnum SRT8 is a “Magnum on steroids”

- Hauls in more ways than one
- Powered by the all-new 6.1-liter HEMI V-8 that produces 425 hp (317 kW) and 420 lb.-ft. (569 N•m) of torque, the Dodge Magnum SRT8's powertrain represents a higher level in HEMI performance, with 85 additional horsepower – 25 percent more than the 5.7-liter HEMI

Dodge Magnum SRT8 offers unparalleled street performance

- SRT performance: 0-60 mph in low 5-second range, 0-100-0 in under 17 seconds, 60-0 mph in approximately 110 feet
- Builds on the momentum of Dodge and HEMI
- One of the most functional vehicles on the road. With the longest wheelbase in its class, the Dodge Magnum SRT8 provides exceptional interior room and functional space, including 60-40 split-folding rear seats, an upper flat-load floor with storage space below the floor, and a versatile cargo management system that delivers storage space of 71.6 cu. ft. with rear seats folded.

Dodge Magnum SRT8 formula

- Functional, performance-oriented exterior design, featuring 20-inch SRT wheels, and all-new front and rear fascias with air dam and cooling ducts; race-inspired interior appointments that include deeply bolstered seating and comprehensive instrumentation; benchmark braking; and world-class ride and handling characteristics that are civilized enough for a grocery run but fully capable in more challenging situations
- The Dodge Magnum SRT8 is part of a broad lineup of Street and Racing Technology vehicles developed under the credo “Race inspired, street legal”

MODEL LINEUP

2007 Dodge Magnum SRT8

Standard Features

- Modified front fascia with integrated brake-cooling ducts
- Satin-finish front and rear bumper inserts
- Body-color mirrors
- Body-color door handles
- Unique SRT badging
- High-intensity-discharge (HID) headlamps
- Power-adjustable sport seats with contrasting red stitching; performance suede inserts; heat and memory functions
- Adjustable pedal cluster with memory
- Full instrumentation with 180-mph (300-kph) speedometer, a tachometer and a temperature gauge
- AM/FM radio with six-disc CD changer and MP3
- Boston Acoustics speaker system
- Steering wheel-mounted audio controls
- Advanced multi-stage air bag system
- 425-horsepower (317-kW), 6.1-liter HEMI engine with five-speed automatic transmission with Auto Stick
- SRT-tuned dampers
- Tailored spring rates
- Electronic Stability Program tuned for SRT performance handling
- 20-inch forged-aluminum wheels
- Tire Pressure Monitoring system
- Four-wheel performance disc brakes with four-piston Brembo calipers
- Anti-lock brake system

Optional Features

- Power sun roof
- Supplemental side air bags
- Four-season tires (245/45/20)
- Rear Seat Video system with Kicker Mobile Surround Sound

2007 Dodge Magnum SRT8 with SRT Package 1

In addition to the standard features on the Dodge Magnum SRT8, the SRT Package 1 adds:

- Air filtering
- Heated front seats
- Dual-zone air conditioning
- Automatic headlamps
- Rear cargo organizer

2007 Dodge Magnum SRT8 with SRT Package 2

In addition to the standard features on the Dodge Magnum SRT8, the SRT Package 2 adds:

- Security alarm
- 11-speaker Kicker audio system with 276-watt amplifier and 100-watt subwoofer

2007 Dodge Magnum SRT8 with SRT Package 3

In addition to the standard features on the Dodge Magnum SRT8, the SRT Package 3 adds:

- Radio with DVD-based navigation system and integrated display
- SIRIUS Satellite Radio
- UConnect® Hands-free Communication System with Bluetooth® technology

SAFETY AND SECURITY

Please refer to the [Safety Glossary](#) for descriptions of the following available features:

- Advanced Multi-stage Air Bag System
- All-speed Traction Control System
- Anti-lock Brake System (ABS)
- Auto-reverse Sun Roof
- Auto-reverse Windows
- BeltAlert
- Brake Assist
- Brake/Park Interlock
- Child-protection Rear Door Locks
- Constant Force Retractors
- Crumple Zones
- Electronic Stability Program
- Energy-absorbing Steering Column
- Enhanced Accident Response System
- Height-adjustable Seat Belts
- HomeLink Universal Home Security System Transceiver
- Inside Emergency Trunk Release
- Interior Head-impact Protection
- Lower Anchors and Tethers for Children (LATCH)
- Low-risk Deployment Air Bag
- ParkSense® Rear Back-up System
- Power-Adjustable Pedals
- Remote Keyless Entry
- Seat Belt Pretensioners
- Sentry Key® Engine Immobilizer
- Supplemental Side-curtain Air Bags
- Side Impact Door Beams
- Tire Pressure Monitoring Display System

COLOR AVAILABILITY

- TorRed
- Bright Silver Metallic
- Brilliant Black Crystal Pearl Coat
- Steel Blue Metallic Clear Coat

MANUFACTURING INFORMATION

- 2007 model year production start: August 2006
- Production location: Brampton Assembly Plant in Brampton, Ontario, Canada
- 6.1-liter HEMI V-8 engine: Saltillo Engine Plant in Saltillo, Mexico
- Five-speed automatic transmission: Indiana Transmission 1 in Indianapolis

MARKET POSITION

The Dodge Magnum SRT8 adds a greater level of utility to the SRT formula of all-around performance and incredible value, with exceptional interior and storage space. The Dodge Magnum SRT8 offers key SRT attributes in functional, performance-oriented styling; world-class ride and handling across a dynamic range; race-inspired interior appointments; benchmark braking; and an SRT-engineered, 425-horsepower (317-kW), 6.1-liter SRT HEMI engine.

Demographics

- Gender: 70 percent male/30 percent female
- Age: 30-45
- Annual Household Income: \$80,000 to \$100,000
- Education: 60 percent college degrees or some college education
- Household: 65 percent married; 50 percent with children ages 1-7

- Occupation: mix of professional, technical, managerial

MARKET ADVANTAGES

- Premium on-road performance and smart space, combining utility with high performance
- The longest wheelbase in its class
- Functional space, including 60-40 split-folding rear seats, an upper flat-load floor with storage space below the floor, and a versatile cargo management system that delivers storage space of 71.6 cu. ft. with rear seats folded
- Powered by a 6.1-liter HEMI V-8 that produces 425 horsepower (317 kW) and 420 lb.-ft. (569 N•m) of torque
- World-class ride and handling across a dynamic range Benchmark braking
- Bold, muscular styling with performance enhancements
- Benchmark performance at the best price

PRODUCT CHRONOLOGY

2006 Model Year

Introduction of new high-performance version of the Dodge Magnum with new 6.1-liter HEMI® engine:

Exterior

- Colors: Brilliant Black, Bright Silver, Inferno Red
- New rear fascia
- New front fascia with integrated brake duct inlets
- Satin finish bumper inserts front and rear
- Body-color rear spoiler
- Body-color mirrors and door handles
- "SRT8" exterior badge (decklid only)
- Mesh grille insert (upper and lower openings)
- Brake duct system in front belly pan
- 16 mm clearance rear fascia to exhaust tips

Interior

- Sport front seats with matching trim on rear seats
- Red accent stitching
- Carbon fiber leather on steering wheel upper
- Satin finish steering wheel spokes (from 300C)
- Satin Silver shift bezel and lock knobs (from 300C)
- "SRT8" badge below right-hand air conditioning outlet duct
- Dark Slate/Light Slate Gray colors
- Satin Silver center stack bezel

Powertrain

- 6.1-liter HEMI® engine (425 horsepower/425 lb.-ft.)
- A580 transmission with AutoStick and four-bolt flange
- HAG 215 axle (3.06 ratio) with four-bolt flange
- Modified air cleaner/induction system
- Injector covers
- Prop shaft with four-bolt flanges
- "HEMI orange" block treatment
- Upgraded halfshafts

Chassis

- New wheel tire assembly (three-season, non-directional); 20-inch x 9-inch front wheels and 245/45/20 tires (forged); 20-inch x 9-inch rear wheels and 255/45/20 tires (forged)

- Lower ride height (approximately 1/2-inch) [with spring length]
- Brakes (new rotors, red calipers and hoses)
- Exhaust system with 3.5-inch tips
- “Tire-fit” system (sealant and compressor)
- ESP — unique calibration
- Cooling module (42 mm core) and radiator hoses
- Revised damper tuning and spring rates
- Increased output fuel pump
- Modified front and rear suspension knuckles
- MK 25E ABS system (July 2005 implementation)

Electrical Systems

- Unique engine controller calibration
- Unique transmission calibration
- Custom cluster graphics (180-mph and 300-kph)
- Unique output on programmable display (oil temperature and oil pressure)

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