



## News

GM Communications  
Detroit, Michigan, USA  
media.gm.com

For Immediate Release

# Cadillac CTS-V: Ultimate Expression of Performance and Luxury

- **Dramatic exterior design and sophisticated, hand-crafted interior**
- **CTS-V offers ultimate performance and luxury with supercharged V8 engine**
- **New six speed automatic transmission with paddle-shift control**
- **Start of sales in Europe end of 2008**

**GENEVA** – As the new CTS sedan earns accolades and new owners, Cadillac takes the next leap forward by premiering the CTS-V, the brand's ultimate expression of performance and luxury. Part of Cadillac's acclaimed V-Series of high-performance models, CTS-V delivers an estimated 557 hp (410 kW). More than just power, CTS-V also includes a comprehensive suite of technical and design enhancements, including Magnetic Ride Control, an industry-first Performance Traction Management program and the addition of a new automatic transmission with paddle-shift control.

Several key technical and design elements combine to transform the already highly capable CTS into the new V-Series. Like the CTS, the V-Series is the product of an intensive development process across North America and Europe, including famed test tracks and millions of miles of road. Supporting Cadillac's ongoing global expansion, the CTS-V is planned to be offered in Europe in the last quarter of 2008.

### **Sophisticated technical enhancements**

The Cadillac CTS-V features the world's fastest-reacting suspension technology, Magnetic Ride Control (MRC). It uses shocks controlled by electro-magnets, rather than mechanical valves, greatly accelerating response time. Electronic sensors at all four wheels literally "read the road" every millisecond, making constant adjustments to damping to create virtually instantaneous and extremely precise control of body motions. This is of particular benefit for a high-performance sedan, helping to keep the car very composed during hard cornering, acceleration, braking and other dynamic maneuvers.

MRC technology first appeared on the Cadillac STS performance sedan and has been used on some of the world's most celebrated cars, including the Chevrolet Corvette.

Enabling the precise control expected in a high-performance sedan, the CTS-V features Performance Traction Management system, borrowed from championship racing teams. This technology uses advanced electronics to manage engine torque for optimal traction during acceleration. In situations such as acceleration from a stop or exiting corners, Performance Traction Management regulates torque delivery for the best possible launch.

Performance Traction Management uses the same sort of electronics as stability control programs such as Cadillac's StabiliTrak system, but applies it in a different manner. Rather than monitoring and controlling wheel slip to assist in stopping or slowing the car, PTM regulates torque delivery to instantly match the available tire grip for maximum acceleration.

CTS-V also includes sophisticated braking and tire systems, in partnership with two companies renowned for high-performance technology: Brembo and Michelin. Brembo brakes are at all four corners and include powerful, six-piston calipers in the front and four-piston calipers in the rear. Michelin worked with Cadillac engineers to develop its acclaimed Pilot Sport 2 (PS2) tire for CTS-V and its 19-inch wheels.

And, of course, there is the matter of power. The new 6.2L supercharged V-8 engine generates an estimated 557 hp (410 kW) and 745 Nm of torque. The engine delivers this power with remarkable refinement. A sixth-generation Eaton supercharger minimizes the added noise previously associated with supercharged engines, and tightly controls intake air temperature for optimal performance.

Transmission choices include either a six-speed manual or an exclusive, six-speed automatic with steering-wheel-mounted paddle shifters.

### **Accentuated design elements**

The all-new CTS-V extends Cadillac's acclaimed design language, both inside and out. The V-Series includes all the elements of the CTS sport sedan's well appointed cabin, while adding some elegant and purposeful accents.

V-Series will offer Recaro performance driving seats, providing excellent support for spirited driving and adding to the luxurious and purposeful interior. These new, 14-way adjustable performance seats include pneumatic bolster controls in the seat cushion and backrest.

A microfiber material has been added to the steering wheel, seats and shifter, providing the soft feel and luxurious appearance of suede without suede's inherent drawbacks of difficult care and moisture sensitivity. These accents on the steering wheel, seat inserts and shifter are elegant to the touch and help support high-performance driving.

The car's integrated center stack is trimmed with a new Obsidian material that is also applied to the center console and door trim. Just like every CTS, the V-Series includes a hand-stitched instrument panel, door trim and center console. Leading-edge infotainment features, including a 40-gigabyte hard drive, advanced navigation system with a "pop-up" screen and Bose digital surround audio, extend to the V-Series, as well as factory-installed Bluetooth capability.

The exterior of the new CTS-V amplifies the assertive stance and elegant details of the standard car, and communicates the car's remarkable capabilities. The dihedral Cadillac grille is larger to enable more air intake and features a satin finish. The raised hood encompasses the supercharged engine, and new front and rear fascias identify the vehicle as a V-Series. The car's 19-inch wheels enhance its stance on the road.

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