At General Motors, our commitment to environmentally friendly transportation starts right at the top:

"What we do at General Motors profoundly affects the lives of many people. As the world’s largest maker of cars and trucks, we realize our impact extends beyond those who drive our vehicles, who work here and who live in our communities. We also know that our actions today can positively affect the lives of future generations. It’s a huge responsibility, but also a great opportunity. And that’s why corporate responsibility is an integral part of everything we do at GM.

We’re determined to be part of the solution to the environmental issues that we as a global community are facing. To that end, GM is investing billions of dollars in a broad-based advanced technology strategy to help reduce the world’s dependency on oil. This includes everything from reducing the EPS (energy per mile), plug-in hybrids, electrically driven vehicles powered by advanced batteries and hydrogen fuel cells. We’ve also made steady and significant progress over the past five years to reduce our own energy use, conserve natural resources and decrease greenhouse gas emissions from GM products and facilities.”

Rick Wagoner
Chairman and Chief Executive Officer, General Motors
greenbydesign.gm.ca
Ah, the perks that come with achievement. The corner office. A fine Swiss watch. And, perhaps the most rewarding of them all, a great car. One that blends avant-garde style, world-class performance, intelligent luxury and — let’s be straightforward here — more than a little prestige. The 2008 STS is all that and more. With a bolder style, more standard power, more technology and more refinement than ever before, STS is both a remarkable car and an unmistakable symbol of accomplishment. STS. Because success deserves a celebration.
The STS cockpit delights the eye with bold, powerful shapes and a clean, elegant overall design. It pleases the ear with a near-absence of road and wind noise, accented by the song of the potent, yet highly refined engine. Your sense of touch is rewarded, with finely textured surfaces and well-placed controls that operate with a clear logic and a satisfying, positive feel. The end result is a highly rewarding environment dedicated to the enjoyment of driving.
STS’s available DVD navigation system can assist you in finding your way in unfamiliar territory.* Key features include a large, high-resolution VGA display, touch-panel control and a four-position tilt screen for easy viewing.  

*At time of printing, detailed map coverage is available for most major urban areas of the United States and for certain metropolitan areas of Canada (Vancouver, Calgary, Edmonton, Winnipeg, Montreal, Ottawa, Quebec City and Halifax). Coverage is significantly limited outside these areas.

ST S’s elegant interior is characterized by sweeping lines, expert craftsmanship, a tasteful and harmonious color palette with materials of exceptional quality, including premium Milan carpeting. The result is a stylish, spacious and comprehensively equipped driving environment in which no detail has gone unconsidered. For example, the STS driver’s seat is as well-suited to spirited driving on twisting two-lane roads as it is to long-distance highway cruising. The added luxury of internally heated and ventilated front seats is also available, as are seats fully trimmed in specially selected glove-soft Tuscan leather.

Now with 120 channels to enjoy, XM Satellite Radio has revolutionized mobile entertainment as we know it. XM has the largest playlist on the planet, with musical genres that span everything from decades of dance, rock to hip-hop and country/rock/classical. XM also broadcasts the most commercial-free music in digital quality sound, along with news, talk, comedy and sports channels — including more than 1000 NHL games — all available from coast to coast. XM Satellite Radio is standard in every 2008 STS.** Ask your sales consultant for more information.

**Includes three trial months beyond which service fees apply. Available in 10 Canadian provinces and 48 contiguous United States.
Consider, if you will, three examples of Cadillac’s campaign to advance the state of the automobile. First, the available Adaptive Cruise Control (ACC) system, which detects slower-moving vehicles ahead, then provides limited braking to maintain a pre-set following distance. Second, the reconfigurable Head-Up Display (HUD), which is included with the available Driver Awareness Package. It projects key information into the inner surface of the windscreen, so you can view it without taking your eyes off the road. Third is STS’s remote starting system, which can start the engine and the climate control system from up to 60 metres away. These cutting-edge technologies, and many others like them, help STS achieve exceptional levels of comfort, convenience and safety.
For 2008, STS V6 models are powered by a new direct injection 3.6-litre DOHC V6 VVT engine—one of the industry’s most advanced technologies. The results are impressive, to say the least: 302 horsepower and 272 pounds-feet of torque, along with improved fuel efficiency compared with the previous STS V6. For an even higher level of exhilaration, V8 models feature a second-generation 4.6-litre VVT Northstar under the hood tuned to produce 320 horsepower and 315 pounds-feet of torque. Both engines are teamed with an electronically controlled six-speed automatic transmission with a host of leading-edge features, including Sport mode, Driver Shift Control, engine braking in all forward gears and Performance Algorithm Liftfoot (PAL).

All STS’s feature a standard 6-speed automatic transmission with Driver Shift Control which offers the precision of a manual gearbox without sacrificing the convenience of an automatic. With the transmission in Sport mode, you can shift up or down a gear instantaneously, with just a nudge of the shift lever.

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Among the Northstar V8’s many high-tech features is an extremely powerful, state-of-the-art Engine Control Module (ECM) which includes a 16-bit, 24 MHz dual microprocessor, high memory capacity and a redundant safety processor that acts as a backup for the electronic throttle control. A separate transmission control module manages gear changes, with inputs from the ECM.

To ensure the highest possible level of quality, the 6-speed automatic transmissions destined for STS are hand assembled in a “clean room” environment.
In the real world, road surfaces are less than perfect and traction is frequently compromised. STS compensates with advanced technologies that smooth your ride and increase your control. Take the available performance-oriented All-Wheel-Drive (AWD) system, for example. With normal traction, carving through "s" curves with all four wheels powering you forward, it delivers a sensation akin to being on rails. The AWD system’s benefits are even greater in low-traction situations, of course, as it automatically redistributes power to help you maintain momentum and control. Also available is a sophisticated Magnetic Ride Control® suspension system, which reads road and driving conditions and reacts by adjusting shock absorber damping up to 1000 times per second.

The available Magnetic Ride Control suspension features shock absorbers filled with metal particles and a special fluid that stiffens automatically when exposed to a magnetic field.
In STS, high-tech systems help assure your complete awareness of traffic and hazards nearby. Ultrasonic rear parking assist alerts you to objects behind the car when the transmission is in “Reverse”. Fog lights and projector-beam headlights are standard equipment. Xenon High-Intensity Discharge (HID) headlights are also available, as is an IntelliBeam™ system that automatically switches between high and low beams, when appropriate, during night driving. New for 2008 is an available Lane Departure Warning system that alerts you if you stray out of your chosen lane on the highway. Also new this year is available Side Blind Zone Alert, which illuminates an indicator in the side mirror whenever another vehicle enters your “blind spot”.

With OnStar® and one year of the Directions & Connections Plan including Turn-by-Turn Navigation, STS links you directly to the world’s most comprehensive in-vehicle security, communications and diagnostics system.**

**Turn-by-Turn availability impacted by some geographic/cellular limitations, advisor assisted routing available.

**OnStar services require vehicle electrical system (including battery), wireless service and GPS satellite signals to be available and operating for features to function properly. OnStar acts as a link to existing emergency service providers. OnStar Hands-Free Calling requires a Hands-Free enabled device,ango equipment or employee on a dial or on a time. OnStar service contract. Subscriptions Services Agreement required.
An overriding concern with safety is apparent throughout STS. Countless standard and available systems, including StabiliTrak™, traction control, Side Blind Zone Alert and others, are designed to help you stay aware of your situation and act decisively to avoid danger. Still more features come to your aid should a collision prove inevitable. Crush zones at the front and rear of the vehicle, for instance, help to absorb crash energy before it can reach the passenger compartment. STS also includes six standard air bags, including side head curtain air bags that protect both front and rear outboard occupants in the event of a side impact.

To help prevent intrusion into the passenger compartment in a crash, STS’s doors are braced with integral ultra-high-strength steel beams.
For those who insist on the highest possible level of luxury, Cadillac introduces the new-for-2008 STS Platinum Edition. Available on both V6 and V8 models, the Platinum Edition is instantly recognizable by its exclusive grille treatment, chrome-finished 18-inch wheels, and chrome exterior door handles. Inside, the cabin features numerous luxurious appointments: leather-wrapped interior, Tuscan hide leather seats, and genuine olive Ash burled wood accents on the doors, console and instrument panel. For an added thoughtful touch, both the steering wheel and the transmission shifter are heated, for an extra measure of comfort in cold weather.
Part of Cadillac’s awesome V-Series, STS-V will forever change your idea of what a luxury sedan can be. STS-V combines the refinement and sophistication of STS with some of the most serious performance hardware available. The highlights include an enhanced supercharged Northstar V8 engine with 469 horsepower, more torque than any production Cadillac has ever had, a six-speed automatic transmission with Driver Shift Control, massive Brembo® brakes, a high-performance-tuned suspension and a four-mode StabiliTrak system that allows a higher level of driver control. Created for drivers who believe performance is the ultimate luxury, STS-V delivers an unmatched driving experience. STS-V. You’ve never seen a Cadillac like this before.

Germany’s legendary Nürburgring has 177 curves and no two are alike. It was here that Cadillac’s engineers tested and perfected STS-V’s acceleration, handling and braking characteristics.
For a car of its performance potential, STS-V is astonishingly refined and luxurious. Virtually every amenity imaginable is present and accounted for. Hand-wrapped leather seating surfaces abound. Black Olive Ash burlwood and kinetic-finished aluminum trim elements dress up the decor. Sueded fabric inserts on the seat cushions and lower seatbacks help to keep you firmly planted, even during enthusiastic driving. If you wish, you can add the drama of Tango Red accents on the seat inserts, doors, instrument panel and centre armrest. They’re the perfect way to emphasize your STS-V’s high-performance character.
The Next Step

STTS ACCESSORIES

Show your unique personality and enliven your STS with an even higher level of style and functionality by adding carefully chosen quality accessories. Genuine GM Accessories are designed especially for your STS and engineered to the highest standards, ensuring excellent fit, finish and functionality. They’re covered under the 4-year/80,000-km Cadillac Limited Warranty.* They can also be included in your new-vehicle lease or finance agreement through GMAC. Ask your dealer for a complete list of the GM Accessories available for STS. Or visit gm.ca/22963 STS ACCESSORIES

*Whichever comes first, when permanently installed by the dealer at the time you purchase or lease your new vehicle.

These accessories are designed especially for your STS and engineered to the highest standards, ensuring excellent fit, finish and functionality. They’re covered under the 4-year/80,000 km Cadillac Limited Warranty.** They can also be included in your new-vehicle lease or finance agreement through GMAC. Ask your dealer for a complete list of the GM Accessories available for STS. Other Cadillac owner privileges include Trip Planning* assistance and Trip Interruption Protection,** and you may be reimbursed by General Motors of Canada for reasonable hotel, meal and alternative transportation expenses incurred should your trip be interrupted by a major storm under the Cadillac Limited Warranty. See your Cadillac dealer for complete details on all Cadillac Owner Privileges.

**Whichever comes first, when permanently installed by the dealer at the time you purchase or lease your new vehicle.

ACQUISITION OPTIONS

In addition to the many exclusive privileges of Cadillac ownership, Cadillac and General Motors of Canada have created a range of supplementary support programs to enhance your ownership experience. Some of these programs would be in purchasing or leasing the Cadillac of your choice. Others help protect you and your new Cadillac over the long term.

Purchasing & Leasing

• GM Express Credit Application – a convenient way to get pre-approved credit towards the purchase or lease of your next GM vehicle.

• GMAC Purchase Financing – on-the-spot financing at your GM dealership.

• GMAC SealsIn™ – a smart alternative to traditional financing.

• GMAC SealsIn™ – warranty financing allowing you to pre-pay unexpected expenses.

• The GM Card – cardholders may be able to redeem up to $3500 in GM Card Earnings toward the total purchase or lease down payment on selected vehicles.* For more information on The GM Card please call 1-800-461-3279.

Additional Ownership Programs

• GM Protection Plus® – the only extended service plan backed by the resources and commitment of General Motors, GRPP may be purchased at the time of your vehicle’s sale, or subsequently during the Cadillac Limited Warranty period.**

• For more information about GMAC visit gmac.ca or call 1-888-616-4622.

A word about this brochure

Some of the information shown or described throughout this brochure may be available at extra cost. Be sure to negotiate the prices of these accessories with your dealer.

A word about assembly

Cadillac vehicles are equipped with engines and components produced and assembled in the United States or Canada. Your vehicle may have been adapted since the time of the printing, please check with your dealer. When you purchase or lease your vehicle, you have the right to lengthen or shorten the model year for any product, for any reason, to start and end model years at different times.

A word about corrosion

Cadillac vehicles are designed and built to resist corrosion. All body sheet metal components are warranted against rust-through corrosion for 6 years. There is no deductible for rust-through repairs. Application of additional rust-inhibiting materials is recommended.

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INTERIOR

FEATURES & OPTIONS

EXTERIOR

FINISHES

CURB WEIGHT, ESTIMATED

WAVERLY PEARL

STANDARD EQUIPMENT

PRODUCT IDENTIFICATION

TOWING CAPACITIES

CAPACITIES

DIMENSIONS

SAFETY AND SECURITY

AIR BAGS

DOOR LOCKS

SIDEWALLS

REAR VIEW MIRRORS

BASEBALL LEATHER SPORT SEATS

SPOILER

PREMIUM TUSCANY PERFORATED LEATHER SEATS

POWER ADJUSTABLE HEATED FRONT SEATS WITH 4-WAY ARTICULATING HEAD RESTRAINTS

SEATS

WINDSHields

EXTERIOR FEATURES

WHEELS AND TIRES

EXTREME PERFORMANCE PACKAGE P615 INCLUDES:

PREFERRED EQUIPMENT GROUPS (PEG)

STANDARD EQUIPMENT

6-speed automatic with Sport mode and Driver Shift Control

Fog lights

PREMIUM ESSENTIALS PACKAGE P610 INCLUDES:

Premium 3-spoke leather-wrapped steering wheel • 16“ x 7.5” painted aluminum wheels • Rain-sensing wiper system with automatic variable delay • Twilight Sentinel

REFERENCES

Hooke’s Law:force = – spring constant × displacement.

If we have a spring with a spring constant of 10 N/m, and we stretch it by 2 meters, the force required will be 20 N (10 N/m × 2 m).

If we want to calculate the potential energy stored in the spring, we can use the formula: potential energy = (1/2) × spring constant × displacement².

For our example, the potential energy stored in the spring would be 40 J (1/2 × 10 N/m × 2 m²).

This is just one example of how understanding physics concepts like Hooke’s Law and potential energy can be useful in everyday life.

In this case, understanding these concepts helps us better understand how springs work in vehicles, which is important for ensuring the safety and performance of the vehicle.

Hooke’s Law is a fundamental principle in physics that describes the relationship between the force applied to a spring and the displacement of the spring.

The equation for Hooke’s Law is: force = – spring constant × displacement.

Here, force is the force applied to the spring, spring constant is a constant specific to that spring, and displacement is the amount the spring is stretched or compressed.

Understanding Hooke’s Law allows us to design springs that are efficient and effective in absorbing shock and providing a smooth ride.

Potential energy is another important concept in physics. It is the energy stored in a system as a result of its position or configuration.

For example, in our spring scenario, the potential energy stored in the spring is related to its displacement from its natural length. As the spring is stretched, it stores potential energy, which can later be released as kinetic energy when the spring returns to its natural length.

This concept is also relevant to understanding how energy is transferred in vehicles, such as how energy is stored in the suspension system and released when the vehicle encounters bumps or obstacles.

In conclusion, understanding basic physics concepts like Hooke’s Law and potential energy is crucial for ensuring the safety and performance of vehicles, and for designing efficient and effective suspension systems.
**Exterior/Interior Colour Compatibility**

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<th>Exterior Colours</th>
<th>Interior Colours</th>
<th>Light Gray*</th>
<th>Ebony*</th>
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<th>Ebony with Red Inserts*</th>
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<td>41 – Black Raven</td>
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<td>89 – Crystal Red Tintcoat* •</td>
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*ST-S includes sueded fabric inserts. **Available at extra cost. † – Available on Platinum Edition only, interim availability. 1 – ChromaFlair® uses advanced light-interference technology and prismatic metallic pigments to create an intense, deeply lustrous colour. 2 – Tricoat is a meticulous three-layer process that results in a dramatic hue-shifting colour reminiscent of a show-car finish. 3 – Tintcoat is a premium two-layer paint application with the addition of a tinted clearcoat, lending the finish an extra depth and brightness. 4 – Not available on Platinum Edition. 5 – Not available on STS-V. Available on Platinum Edition with choice of Cocoa or Ebony accents. 6 – Available on STS-V only.

**Wheels**

A – 7-spoke 17” x 7.5” painted aluminum finish, fitted with P235/50R17 Michelin Pilot V-rated all-season performance tires

B – 7-spoke 18” x 8.5” flanged, chrome aluminum finish, fitted with P255/45R18 Michelin Pilot Sport W-rated summer performance tires

C – 7-spoke 17” x 7.5” polished aluminum finish, fitted with P235/50R17 Michelin Pilot V-rated all-season performance tires

The exterior colours in this brochure are as close to the actual vehicle production colours as the printing process allows. For more accurate colour samples, ask your Cadillac sales consultant to see the dealer showroom vehicle colour display.