



IMPREZA WRX STI | 2008



Adrenaline. Undistilled.











Driving pleasure. Redefined.

The spec sheet may look familiar, but the changes run deep. Introducing the all-new 2008 Subaru Impreza WRX STI, the vehicle that will forever alter the way rally-bred performance cars are created. This aggressive 5-door possesses the hallmarks of a true automotive icon: the 2.5-litre turbocharged SUBARU BOXER engine, the renowned Subaru symmetrical full-time All-Wheel Drive (AWD) system, the incredibly low centre of gravity.

But there's more. Cutting-edge features such as the multi-mode Driver Controlled Centre Differential, SI-DRIVE and a multi-mode Vehicle Dynamics Control system. Combine all this with a degree of interior style and poise never before seen in a WRX STI and one thing becomes immediately and crushingly apparent: Desire has just reached a whole new level.

The evolution of performance.

It's what makes a Subaru, a Subaru.

Something wicked this way comes – namely, the 2008 Subaru Impreza WRX STI in full FIA World Rally Championship spec. The natural successor to an illustrious line of champions competing in the world's toughest proving ground for production vehicles, this new 5-door model promises to be even more fierce.

An upgraded SUBARU BOXER engine combined with the inestimable Subaru symmetrical full-time All-Wheel Drive. A stronger chassis and shorter overhang for greater handling, sleeker aerodynamics for improved downforce. Glory is just around the corner. Any corner.



1993



1995



1996



1997



2001



2003



2004



2005



2006



SUBARU WRC CONCEPT

Subaru DNA – optimum balance, inspired by nature.

In nature, perfect symmetry can be found everywhere – from the tiniest organism to the largest animal. This rule is the inspiration for Subaru symmetrical full-time All-Wheel Drive in general and the 2008 Subaru Impreza WRX STI in particular, which boasts the most sophisticated AWD system ever

designed for a production vehicle. The system offers the perfect balance between sheer performance and safety – on virtually all roads and under virtually all weather conditions. If symmetry equals beauty, the new WRX STI is a genuine supermodel.



SYMMETRICAL **AWD**

The SUBARU BOXER engine is linked to a totally linear drivetrain layout to create the Subaru symmetrical full-time All-Wheel Drive (AWD) system. With this layout, all drivetrain components – the engine, transmission, driveshaft, and front and rear differentials – are logically aligned along the centreline of the vehicle. The immediate benefits of this balanced, symmetrical drivetrain are substantial: ideal weight distribution side-to-side for superior handling and the ability to deliver full-time power to all four wheels simultaneously to create unmatched stability and control.

Pioneering All-Wheel Drive for more than 35 years.

Since 1972, Subaru has been leading the industry in the development of All-Wheel Drive technology. As the expectations of the Subaru driver have risen, so too has the level of engineering excellence and sheer commitment needed to make each Subaru a joy to drive in all weather and road conditions. Today, the result of all this effort is Subaru symmetrical full-time AWD, a system that has been honed to sure-footed perfection.



SUBARU BOXER

As with all SUBARU BOXER engines, the cylinders of this 2.5-litre, 16-valve, turbocharged engine are positioned 180 degrees apart on opposite sides of the crankshaft, forming the famous horizontally-opposed configuration. The advantages of this rally-derived layout include low vibration, superb rotational balance and the ability to position the engine lower in the car to create a lower centre of gravity. Developing a truly inspiring 305 horsepower, this is the most powerful SUBARU BOXER production engine ever brought to North America.

Over 40 years of SUBARU BOXER development.

First used to power the Subaru 1000 back in 1965, the SUBARU BOXER has since become the foundation of the company's automotive technology and the driving force that provides customers the world over with pure driving pleasure.



Thrills to the core.



As impressive as the 2008 Subaru Impreza WRX STI is on paper, it's even more so in real life. Still, the statistics are worth noting: 305 horsepower, 290 lb-ft of torque (70% of it available between 2,000 and 7,000 rpm), an

estimated 0-100 km/h time of just 4.9 seconds and a top speed of 250 km/h. But until you get up close and personal with this purebred driving machine, these are just words.

▼ The heart of a lion.

The new 2.5-litre SUBARU BOXER features a larger and more efficient intercooler, as well as a more advanced and powerful high-boost turbocharger for greater output. The engine's Dual Active Valve Control System also promotes improved combustion and exhaust performance, while the transverse-mounted exhaust pipe and quad-tipped tail pipes help increase power output even more.



▼ One cool customer.

Cooler intake air significantly improves turbocharger efficiency. To achieve maximum efficiency, the 2008 Subaru Impreza WRX STI features a larger intercooler. In addition, cleverly placed air outlets on the hood, on the front bumper and behind the front fender help the radiator and intercooler keep things running at optimum temperature at all times.

▲ Smart thinking, mighty result.

The Dual Active Valve Control System produces improved low- and mid-range torque, greater horsepower at high speeds, heightened fuel efficiency and reduced emissions. This system, coupled with a new turbocharger that features improved airflow, gives the new WRX STI one of the most technologically-advanced engines in the world.



Always in control.



With 305 horsepower under foot, it's imperative that the driver has all the tools available to ensure precise control at all times and under all conditions. Whether taking to a winding cottage road or powering down the highway, the WRX STI

offers an almost infinite number of vehicle adjustments designed to thrill the most discriminating enthusiast.

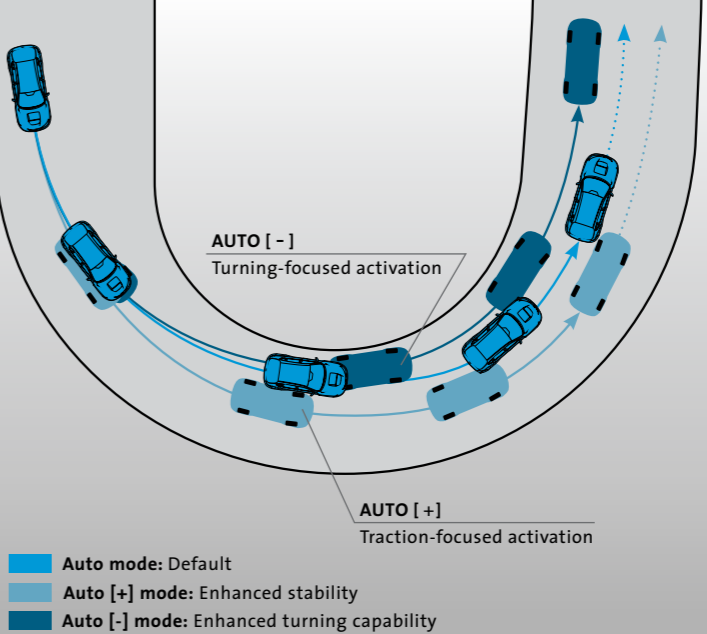
▼ SI-DRIVE: Three engines in one.

With the SI-DRIVE (Subaru Intelligent Drive) engine management system, drivers can choose among three modes to match their mood.

Intelligent Mode (I) delivers smoothness in low-traction conditions and boosts fuel economy by as much as 10%; it's perfect for driving around town or motoring down the highway.

Sport Mode (S) is for all-around use; it provides linear throttle response for everyday driving situations and extra engine power when needed.

Sport Sharp Mode (S#) exploits the full potential of the SUBARU BOXER engine; it delivers instant throttle response for maximum enjoyment.



- Auto mode: Default
- Auto [+] mode: Enhanced stability
- Auto [-] mode: Enhanced turning capability

▼ Multi-mode VDC

For maximum flexibility, there are three Vehicle Dynamics Control (VDC) system settings to choose from:

Normal mode provides the integrated safety and stability of Vehicle Dynamics Control, Traction Control, and Super Sport ABS with Electronic Brake-force Distribution (EBD) to enhance control.

Traction mode cancels the engine torque reduction traction control and delays the intervention of Super Sport ABS and Vehicle Dynamics Control. With this mode, the driver maintains more control over the performance of the vehicle.

For use mainly when attempting to drive out of a snowy or muddy situation, **Off mode** cancels all other controls apart from Super Sport ABS and the Hill Holder system.



▲ Multi-mode DCCD

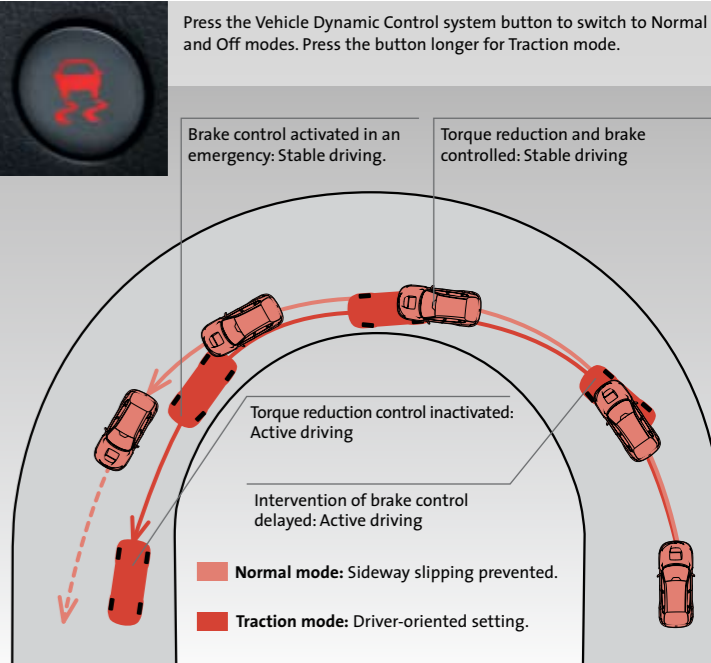
The Driver Controlled Centre Differential (DCCD) allows for the adjustment of the electromechanical centre differential to ensure precise handling in all conditions. Multiple modes can be selected depending on driving conditions and driver preferences:

Auto: The default mode on start-up and the setting for all-around driving; torque distribution automatically varies between 41/59 and 50/50 (front/rear) as conditions warrant.

[+] Auto: Enhances traction and stability on slippery roads by tightening the centre differential; targets a 50/50 torque split, front/rear.

[-] Auto: Enhances turning capability and responsive handling for sportier driving by loosening the centre differential; targets a 41/59 (front/rear) torque split.

Manual mode offers the driver a 6-step adjustment of the centre differential locking.



Press the Vehicle Dynamic Control system button to switch to Normal and Off modes. Press the button longer for Traction mode.

Brake control activated in an emergency: Stable driving.

Torque reduction and brake controlled: Stable driving

Torque reduction control inactivated: Active driving

Intervention of brake control delayed: Active driving

- Normal mode: Sideway slipping prevented.
- Traction mode: Driver-oriented setting.

Tuned to perfection.

An all-new, aggressive shape that bends the wind to its will. A chassis with boosted rigidity that sets the stage for better driving dynamics. And a wider tread, new double wishbone rear suspension, inverted front struts and numerous

other suspension geometry changes to expertly absorb imperfections in the road. This is the ammunition with which the new WRX STI stakes its claim as the ultimate rally-based driver's car.

▼ Front suspension

Newly developed for this peak performing Subaru, the highly rigid MacPherson inverted KYB™ strut suspension incorporates technology developed from years of punishment in the FIA World Rally Championship. The wide cast aluminum front arms give a sturdy feel that manages to reduce vibration and increase comfort when driving over imperfections in the road.



▼ Rally-inspired aero design

The exterior philosophy of the WRX STI is unmistakably influenced by the world of rallying. The car's bold aerodynamic approach includes a front bumper, front fender and rear roof spoiler that maximize downforce. Also: the front under-cover and rear diffuser help to improve air flow along the underside of the car to create even more road-holding grip. Net result: Zero lift and the closest you will get to piloting a WRC car.

▲ Rear suspension

The newly-designed rear sub-frame is perfectly complemented by the technically advanced double wishbone rear suspension. This new design better enables the tires to maintain a perpendicular angle with the road and also promotes a quieter, smoother and more comfortable driving experience. Bonus points: increased storage space in the back because suspension components no longer encroach into the cargo area.



World-class safety.

At Subaru, there is no such thing as a high-performance car that achieves anything less than superb safety standards. In the 2008 Subaru Impreza WRX STI, the lofty active safety standards are set by the massive grip of Subaru symmetrical full-time AWD, the added security of Vehicle Dynamics Control and

the immense stopping power of the new STI-branded Brembo® braking system. In the event that these systems are not sufficient to help the driver avoid an accident, the WRX STI provides even more reassurance with a highly rigid body, a new ring-shaped reinforcement frame and no fewer than six airbags.

▼ Power. Full stop.

In collaboration with braking specialists Brembo®, the new WRX STI has been designed to provide unprecedented stopping performance. The system includes four-wheel ventilated, wide diameter disc brakes with four calipers for each front wheel and two calipers for each rear wheel. The brakes are precisely controlled with the help of Electronic Brake-force Distribution (EBD), Brake Assist and a Hill Holder system. In addition, the Super Sport ABS includes a lateral-g sensor that controls individual wheel brakes separately for optimum braking accuracy.



▼ Added layers of protection.

To increase the level of passive safety even further, the WRX STI features dual front airbags with dual-stage deployment and built-in occupant sensors, dual front seat side-impact airbags and dual side-curtain airbags as standard equipment. To complement these measures, the seatbelts wind in automatically to restrain front-seat passengers and a built-in load limiter reduces shock to the chest area. Also included: tether and ISO-FIX anchors to mount child and baby seats in the back.

▲ A solid ring of safety.

Developed using the latest thinking and the strongest materials, the Subaru advanced ring-shaped reinforcement combines the roof, door pillars, window pillars and floor into one interconnected, energy-absorbing cell. Further strengthened by high-tensile strength steel at key points, this body structure is highly effective at dissipating impact energy and preventing intrusions into the passenger compartment.



Creature comforts for the sport-minded.



From its numerous driver-pleasing standard features to its surprising level of sheer comfort, the 2008 Subaru Impreza WRX STI has been carefully considered, designed and developed to eliminate any sense of compromise. The pure performance driver will appreciate the perfect ergonomics, while

the sophisticated owner will love the standard navigation system, SIRIUS® Satellite Radio and high-quality feel to all the materials. This high-end, high-tech environment is a tasty starter for a main course filled with driving excitement.



GPS DVD-based navigation (VGA high-resolution) and DVD entertainment system with 7" tilt adjustable screen



AM/FM/6CD/MP3/WMA premium audio system with Audyssey MultEQ™ audio enhancement



Audio/video auxiliary input



Electroluminescent sport gauges



18" BBS forged aluminum alloy wheels
Silver



18" BBS forged aluminum alloy wheels
Gold



Front rally-type sport seats (heated)



Integrated audio and cruise controls

To complement the wide range of standard features on the WRX STI, Subaru offers a full array of accessories. Visit your local Subaru Dealer or www.subaru.ca for details.

IMPREZA WRX STI

High-boost turbocharged and intercooled, horizontally-opposed, 4-cylinder, 2.5L high-performance SUBARU BOXER engine with Dual Active Valve Control System and SI-DRIVE

305 horsepower* and 290 lb-ft of torque*

6-speed manual transmission (6MT) with Hill Holder system

Subaru symmetrical full-time All-Wheel Drive

Multi-mode Driver Controlled Centre Differential (DCCD)

Multi-mode Vehicle Dynamics Control (VDC) system and Traction Control System (TCS)

Brembo® high-performance brake system, STI branded

Quad-tipped high-performance exhaust system

Underbody rear aerodynamic diffuser

18" BBS forged aluminum alloy wheels with Dunlop SP600 summer performance tires†

Driver and front passenger front and side-impact airbags; side curtain airbags

Engine immobilizer system and anti-theft security system

AM/FM/6CD/MP3/WMA premium audio system with 4 speakers, 2 tweeters, auxiliary audio/video input, Audyssey MultEQ™ audio enhancement, Radio Data System and compatible with XM Satellite Radio‡

SIRIUS® Satellite Radio installed (subscription required)

Front dash integrated DVD entertainment system with 7" tilt adjustable screen and digital sound technologies

GPS DVD-based navigation system and monitor system with colour touch-screen display

Air conditioning with automatic climate control and air filtration

Heated rally-type front seats with Anthracite Black Leather and Smoke Grey Alcantara® upholstery

Fuel economy: 6MT (L/100km): City 12.2/Hwy 8.7



*Peak horsepower and torque values are determined using the new SAE J1349 (Rev. 8/04) standard. †Please review owner's manual for usage details. ‡Dealer accessory and subscription required. See 2008 Subaru Impreza WRX STI specification insert for full details.



WRX STI

Aspen White with Gold BBS wheels

LA

Dark Grey Metallic with Silver BBS wheels

LA

Midnight Blue Pearl with Silver BBS wheels

LA

Obsidian Black Pearl with Gold BBS wheels

LA

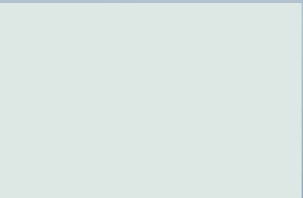
Spark Silver Metallic with Silver BBS wheels

LA

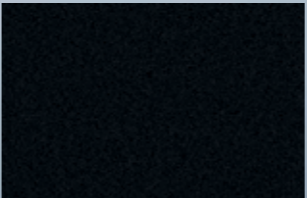
World Rally Blue Pearl with Gold BBS wheels

LA

LA Anthracite Black Leather/Smoke Grey Alcantara®



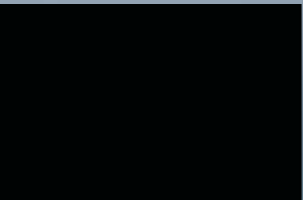
Aspen White



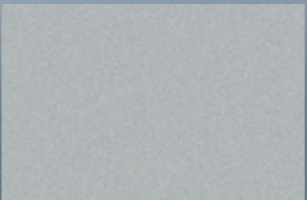
Dark Grey Metallic



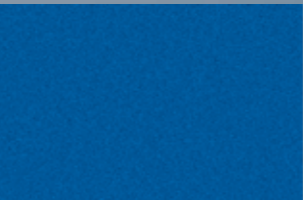
Midnight Blue Pearl



Obsidian Black Pearl



Spark Silver Metallic



World Rally Blue Pearl

The Supplemental Restraint System (SRS airbags) affords the driver and passenger additional protection in some collisions. This system provides supplemental protection only, and seatbelts must be worn in order to avoid injuries to out-of-position occupants upon airbag deployment. The combination of SRS and seatbelts provides the best protection in a serious accident. All illustrations, specifications, features and photographs contained in this brochure are based on product information available at the time of its printing, and may not be completely accurate following its publication. Colours shown may vary due to reproduction variations in the printing process, and some vehicle parts cannot be shown in certain photographs. Subaru Canada, Inc. reserves the right to discontinue or make changes at any time, without notice or incurring obligations, to colours, materials, equipment, accessories, features, specifications and models, or to change their prices. Some models shown may be from international markets and are not available in Canada, or they may be shown with equipment or accessories which are optional (at extra cost) or only available in certain combinations, or they may be subject to product delays or not be available in Canada. Please visit our Web site for the latest information and specifications. For complete details on product updates, warranties or the Subaru CARE program, please contact your Subaru Dealer. Impreza, WRX, WRX STI, Subaru, SUBARU BOXER, Subaru CARE and Subaru CARE Customer Assistance for Roadside Emergencies are registered trademarks. Alcantara is a registered trademark of Alcantara S.P.A., and Alcantara is produced by Toray group. Audyssey MultEQ is a registered trademark of Audyssey Laboratories, Inc. "Brembo" is a registered trademark of Freni Brembo S.P.A. "SIRIUS" is a trademark of SIRIUS Satellite Radio Inc. XM is a registered trademark of XM Satellite Radio Inc. Printed in Canada. © 2007 Subaru Canada, Inc. 2008 model year.

Subaru Warranties

Every Subaru vehicle is designed and built to offer our customers the highest possible level of quality and reliability. We are proud of our vehicles and proud to stand behind them with a comprehensive warranty. For 2008 model year vehicles, the warranty on all Subaru vehicles consists of:

New Vehicle Limited Warranty (36 month/60,000 km) - Covers basic and major components for 36 months or 60,000 km.

Major Component Limited Warranty (60 month/100,000 km) - Extends coverage of major components (more than just powertrain) up to 60 months or 100,000 km.

Surface Corrosion Limited Warranty (36 month/60,000 km) - Covers surface corrosion to visible painted body panels for 36 months or 60,000 km.

Anti-Perforation Limited Warranty (60 month/unlimited km) - Covers perforation due to corrosion to body sheet metal panels for 60 months, regardless of kilometres.

Emission Control System Limited Warranty - Covers the majority of emissions components for 36 months or 60,000 km and the major parts of the emission control system for 96 months or 130,000 km.

Parts and Accessories Limited Warranty - Covers Subaru parts and accessories installed by the dealer prior to retail delivery of the vehicle for 36 months or 60,000 km, and Subaru parts and accessories installed by the dealer after the retail delivery of the vehicle for 12 months or 20,000 km from the date of the installation.

The above information is an overview of warranty coverage and is not a warranty statement. If you wish to see more details regarding Subaru warranties, please refer to your Subaru warranty booklet, contact your local Dealer or visit our Web site at subaru.ca.

Subaru Protection Plan

As a Subaru owner, you have expectations for a pleasurable, trouble-free ownership experience – now and into the future. Once your 36 month/60,000 km New Vehicle Limited Warranty period ends,* our Subaru Protection Plan can prolong your hassle-free ownership experience with 3 levels of extended service contract coverage tailored to your needs: **Powertrain Protection**; **Major Protection**; or **Complete Protection** (best level of coverage to complement the 60 month/100,000 km Major Component Limited Warranty). This extended service contract offers comprehensive mechanical and electrical coverage and a number of additional features and benefits. Be sure to ask your Dealer for details or visit subaru.ca.

**If you already own a Subaru vehicle and it is still within the 36 month/60,000 km New Vehicle Limited Warranty period, you are still eligible.*

Subaru C.A.R.E. (Customer Assistance for Roadside Emergencies)

The SUBARU C.A.R.E. program – which is backed by the Canadian Automobile Association (CAA) – is offered free of charge for the first three years from date of purchase on every new Subaru vehicle or as part of a Subaru Protection Plan. As a SUBARU C.A.R.E. member, you can count on fast, courteous emergency roadside assistance 24 hours a day, 365 days a year. You will receive a membership card and have access to a dedicated toll-free telephone number (in English or French), allowing you to take advantage of over 20,000 roadside assistance contractors and 1,000 CAA and American Automobile Association (AAA) offices throughout Canada and the United States. Ask your Dealer for details or visit subaru.ca.

Subaru Canada, Inc. is proud to be the first vehicle manufacturer to have a direct relationship with CAA, giving our customers the benefit of CAA's unparalleled level of experience and service.





subaru.ca



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Brochure is printed on 100% chlorine-free bleached pulp (TCF) and uses UV cured inks that are VOC (Volatile Organic Compound) free and are fully recyclable with no harmful residue.
www.subaru-earth.com

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