Symmetrical AWD (All-Wheel Drive)

The pure symmetry of SUBARU BOXER Horizontally-Opposed Engines is perfectly matched by the superiority of the drivetrain’s layout. We’ve spent more than 30 years refining both, and developing innovative suspensions to match. All three complement each other – working together to deliver the pure power of maximum driving pleasure and safety through precise feel, feedback and handling. With the engine’s low centre of gravity enhancing AWD ability, every dynamic force acting on Impreza is equalised – so you’ll always feel at one with it, wherever you drive.

www.subaru-impreza.org
The latest Impreza shares the same genetic code and core technology as Subaru WR Cars. So, the passion, potential and strengths that our engineers built into them have influenced the production models. What it takes to win on the toughest rally stages translates into cars in which you can safely enjoy the sensation of motor sports and supreme driving pleasure. That's because Impreza encapsulates the Subaru brand promise, "innovative, individual, courageous" car design turned into useable reality, with the added attraction of multi-purpose practicality. It's a unique combination, aimed at car-lovers who want hard, safe driving on all the world's different roads. It delivers a machine that's thoroughly at home in the city, yet built to tame the wildest extremes of nature.
The phenomenaal presence and rally-bred
genetics of Subaru innovation are perfectly
captured in the latest Impreza. Instantly
recognisable by its new symbolism of
spread wings grille, swooping curves and
distinctive side lines, this is the future profile
of pure performance motoring. Developed
simultaneously with the WR Car, it shares a
common design and mechanical platform –
using the 2.0R’s DOHC engine for prodigious,
free-revving power, and the new 2.5-litre
Turbo in the WRX, for spellbinding driving
performance across the range.
Made for stability when blazing your own trail.
An energetic sporting lifestyle.
Firmly supported, and seated in comfort.
Impreza. Stunning architecture in motion.
Daring to be different has always been central to Subaru’s design philosophy. The pioneering sculptural lines of the new-look Impreza prove the point. Here is a svelte, stimulating image that perfectly matches the surroundings of an ultra-modern cityscape. Yet although it boldly points the way ahead, Impreza never loses sight of the fact that it’s from a stable committed to pure-bred driving pleasure, in the city and on the open road.

Tradition with innovation, for your new lifestyle.
Being fit and active is always good for the soul. Impreza makes the experience even more rewarding, with plenty of space to help you make the most of leisure time with family and friends. Your leisure pursuit or practical requirement can be made quick going and stress-free with Impreza. And, especially with the Sports Wagon, provides the space to carry the essentials you need for a dynamic lifestyle.
The feeling of total compatibility.

Subaru has been on a single-minded mission to think differently about car design for more than three decades. Perfecting the unique combination of SUBARU BOXER and totally linear drivetrain layout, that is Symmetrical AWD, while others trod more traditional routes. Why? Because these two complementary concepts produce superior driving potential that only Subaru has exploited across its whole range. Everything from engine to transmission, transfer to propeller shaft and rear differential is logically arranged in line, without the doglegs or deviations of other four-wheel drive (4WD) systems, and in a laterally symmetrical layout. All the resulting benefits work together, giving every Subaru naturally neutral balance and poise, for perfect weight distribution front to rear and side to side.

Lightweight and compact, SUBARU BOXER Horizontally-Opposed Engines are intrinsically smoother and more efficient than In-line or V-type designs. Superb rotational balance means less vibration, because the pistons counteract each other to cancel it out. Obviously, the flatter configuration also means the engine sits much further down in the vehicle, giving a lower centre of gravity that enhances the advantages of the AWD and suspension systems.
Whether you’re splashing through a downpour on the school run, or winding along wet country lanes in search of sea and sun, Impreza’s perfect weight balance gets you safely there. Secure handling and tenacious grip bring refinement and peace of mind, whatever the road conditions. Everything is direct and controlled, involving yet stimulating. It’s almost as if Impreza reads your thoughts, providing a feeling of stability that can only add to the real joy of driving.

Three distinct advantages.

Better balance
When you turn a corner, centrifugal force always tries to move your car towards the outside edge of the bend. How much this affects handling depends on the vehicle’s centre of gravity. If it’s high, it takes longer to regain balance and control. If it’s low – as in Impreza – there’s less deviation and body roll, giving greater stability.

Less vibration
With its 180 degree configuration, the SUBARU BOXER engine cuts vibration dramatically by eliminating the inertia of opposing pistons – unlike upright or V-type engines where pistons compete with each other. The result is instant responsiveness throughout the rev range and unprecedented driving comfort.

More grip and traction
Full-time AWD has distinct advantages over two-wheel drive (2WD) – especially in cornering. By transmitting power through all four tyres, the car steers naturally and neutrally in the direction of the bend, avoiding understeer or oversteer, which can lead to instability in 2WD vehicles.
Fired by enthusiasm for FIA WRC competition, the philosophy behind Impreza’s engine is the absolute heart of its character. Here is the essence of Subaru emotion, with its genetics shared with the WR Car. This is the core of our performance art – a pivotal factor in guiding the technology which has been refined and honed by Subaru. It has created a feeling for power which is unequalled, and leads Impreza to a global position as a unique vehicle.

Total driving enjoyment

Everything about the engines offered for this model year is exclusively Impreza. Every detail has been dramatically redesigned to deliver better performance, stronger torque across the whole rev range, and with a bonus of cleaner combustion and reduced emissions. With a 500cc enlargement to the WRX Turbo engine, there’s more power and more than ample acceleration. With the 2.0-litre DOHC, you have free-revving performance to be enjoyed to the full. As in all, both engines give drivers an involving sensation, the emotion of rally links, and, of course, that unique boxer sound.

SUBARU BOXER 2.0-litre DOHC engine
This naturally-aspirated engine gives you the pure-bred enjoyment of a high revving, sporty feel – adding to inherent smoothness of the DOHC with an Active Valve Control System and 4-2-1 equal-length, constant pulsation exhaust. Result? Better performance and fuel economy – as well as that unique, crisp boxer exhaust sound.

SUBARU BOXER 2.5-litre DOHC turbo engine
By enlarging the bore of the our renowned 2.0 engine, but leaving the stroke the same, this electrifying 2.5-litre DOHC Turbo has evolved into a beautifully balanced, supremely powerful, torquey, instantly responsive powerplant for the WRX. With its secondary air system, exhaust performance is also improved, so while you enjoy the extra acceleration, it’s good to know you’re also helping to cut emissions.
In keeping with Impreza’s sporting breeding, the automatic and manual transmissions Subaru has developed for these cars have been refined so that you can savour the driving experience completely. The response from the engines is paralleled precisely in every gearchange, giving you exactly the acceleration or deceleration you demand, in all circumstances. Each shift is lightning-fast, yet smooth – never jerky or notchy – because the transmissions’ quality is supported by that linear drivetrain, to help deliver seamless performance and traction.

5-speed Manual Transmission (5MT) for all models
There’s no greater pleasure than using this slick-changing manual gearbox to exploit the full power potential of all Impreza models. In the WRX, it means translating the driver’s wishes into a whirlwind of exhilaration, making full use of 2.5-litre turbo power. In the 2.0R, it makes the most of free-revving DOHC capability and naturally, the feedback of that unique boxer exhaust note. The Sports Wagon also has dual range Hi-Lo capability.

Electronically-controlled 4-speed Automatic Transmission (E-4AT)
This advanced automatic transmission uses direct hydraulic control and electronically-controlled torque distribution to capitalise on the exhilarating performance strengths of the 2.0R’s DOHC engine. By managing throttle control and gear changes interactively, it gives smoother acceleration and re-acceleration on demand, with a higher quality shift feel and lower fuel consumption.
the **DRIVABILITY**
Suspension technologies smooth the way.

This is where cutting edge rally technology translates all the other Subaru benefits into confident handling. Flat, unruffled cornering and complete ride comfort. Everything is honed by FIA WRC experience, and adapted to the demands of everyday driving needs.

**Suspension**
The whole key to compliant, controlled suspension that gives maximum contact with the road and excellent ride comfort is based on sophisticated 4-wheel independent suspension. It works alongside Subaru’s Symmetrical AWD system to make sure that each individual tyre is firmly planted on the road surface, to minimise attitude changes and underline stability under all driving conditions.

**Lightweight body**
From the very start, Impreza has been developed with a lightweight, highly-rigid body. The extra strength that this builds in is one of the most important factors in bringing more stability to the driving experience. By adding an aluminium bonnet and reducing the overall number of parts used, Subaru has achieved a body breakthrough. So it’s no surprise that this is the basic frame for the rally car, as well as a more stable, safer platform for everyday Impreza driving.
Safety starts with AWD
Risk avoidance is a No.1 priority with Symmetrical AWD, relying on its failsafe tenacious cornering grip and traction in all manoeuvres. With the new ACT-4 electronic control torque distribution system, however, there’s even more improvement on board, to cope automatically and instantly with changing road conditions.

ABS braking
The 4-sensor/4-channel ABS that’s standard on the latest Impreza is leading edge in that it uses compact sensors on all four wheels. This gives greater precision and accuracy, detecting lock-up instantly then letting you brake and steer away from the problem simultaneously.

Alongside this, Electronic Brake-force Distribution minimises the braking distance under all kinds of different load conditions, by controlling the rear wheel braking force. As a whole, the system is dedicated to extra driving safety.

Seeing safer
Driver visibility is a main priority with Impreza – as with all Subaru vehicles. Door pillars and the rear screen have been designed optimally to minimise possible blind spots for the driver, and mirrors that stay cleaner, longer are all part of the equation, as are high power HID headlights*.

*HID headlamps are standard on WRX.
Airbags, seatbelts and active headrests

SRS* dual front airbags are standard, while front seat SRS* dual front side airbags are an option. Seatbelts have pretensioners and load limiters to the front, with three 3-point belts to the rear. Child tether anchors and ISOFIX adapted child seat anchors are fitted, along with active front headrests (except for WRX models), which automatically move forward to cradle the head in rear-end collisions, reducing the severity of whiplash injury.

* SRS = Supplemental Restraint System.
  * Most effective when used in conjunction with seatbelts.

Ring-Shaped Reinforcement Frames

All-round protection is ring-fenced by a rigid cage of high-elasticity steel hoops surrounding the driver and passengers. It cushions impact forces around door pillars and the rear end, door frames and roof — protecting from every possible direction. The whole body structure is designed to deform in a programmed and predictable way, always putting the safety of those inside first. It all gives added security in the event of an unavoidable accident, along with thoughtful touches like a breakaway brake pedal that reduces injury risks to the driver's lower limbs in frontal collisions.

Pedestrian protection

Think about energy absorbing front bumpers, bonnet and wings. Consider enlarging the distance between bonnet and engine. Add in breakaway module-type wipers. Impreza has all these features, because we value the safety of those outside as highly as those inside.
We like all Subaru owners to feel that they’re driving cars that are as eco-friendly as we can possibly make them. That’s because we take environmental and energy issues seriously. So, naturally, we look to reduce weight and improve aerodynamics for greater economy, while cutting down emissions to lowest possible levels. But we also develop recycling strategies that help us to make best use of natural resources and reduce waste. That’s the kind of thinking which will bring us all a better future.
The capacity for everything.

When you need to blend performance with the ultimate in practicality, Impreza is ready to give you extra room for manoeuvre. Balancing flexibility of passenger and load-carrying space in a way that makes you feel at home, wherever your travels take you. In the Sedan, that means up to 401 litres* of wide, flat trunk area, made possible by an innovative rear suspension layout. In the Sports Wagon, that extends to an enormous 1,266 litres* with the rear seats folded.

*Measured by VDA V14.
Supportive seats and high-quality fabrics or leather make sure that everyone who travels in an Impreza can relax and enjoy the experience. Performance-design front seats lead to cosseting rear accommodation, with plenty of leg and headroom, so that passengers can feel the essence of first-class hedonism while you savour the Impreza driving experience to the full. This is the ideal meeting point for driver-oriented function and everyone’s comfort.

The whole ethos of the latest Impreza has been conceived to make you want to drive it more. The sporting, rally-car inspired cockpit is definitely driver-focused, but rich in higher quality materials, style and comfort at the same time. Ergonomics mean you can reach cockpit controls and see essential dials in an instant – so there’s nothing to get in the way of enjoying the complete driving pleasure to which Impreza is totally dedicated.
**Impreza WRX**

**Sedan**

- 2005-2007
- L x W x H: 4,465 x 1,740 x 1,440 mm.
- Engine: Horizontally-Opposed, 4-cylinder, DOHC, 16-valve, turbocharged gasoline engine
- Displacement: 2,457 cc.
- Max output: 169 kW (230 PS) / 5,600 rpm

**Sports Wagon**

- 2005-2007
- L x W x H: 4,465 x 1,695 x 1,465 mm.
- Engine: Horizontally-Opposed, 4-cylinder, DOHC, 16-valve, turbocharged gasoline engine
- Displacement: 2,457 cc.
- Max output: 169 kW (230 PS) / 5,600 rpm

Photo (upper): Crystal Grey Metallic
Photo (lower): Premium Silver Metallic
Premium interior with cloth

Dimensions: L x W x H: 4,465 x 1,740 x 1,440 mm. Engine: Horizontally-Opposed, 4-cylinder, DOHC, 16-valve, turbocharged gasoline engine Displacement: 2,457 cc. Max output: 169 kW (230 PS) / 5,600 rpm
Crystal Grey Metallic
Regal Blue Pearl

Impreza
2.0R

Sedan

Month 3 / Av. 2005

Dimensions: L x W x H: 4,465 x 1,740 x 1,440 mm.
Engine: Horizontally-Opposed, 4-cylinder, DOHC, 16-valve, gasoline engine
Displacement: 1,994 cc.
Max output: 118 kW (160 PS) / 6,400 rpm

Sports Wagon

Month 3 / Av. 2005

Dimensions: L x W x H: 4,465 x 1,695 x 1,485 mm.
Engine: Horizontally-Opposed, 4-cylinder, DOHC, 16-valve, gasoline engine
Displacement: 1,994 cc.
Max output: 118 kW (160 PS) / 6,400 rpm

Photo layout: Crystal Grey Metallic
Sweet Royal Blue Pearl
PR: Model illustrated with options.
Exterior Equipment

It's the distinctive details, typical of Subaru's high equipment levels as standard that help to make every Impreza stand out from the crowd.

Interior Equipment

Everything is about convenience and your comfort inside Impreza. Many features, like additions to the Sports Wagon's luggage space, are new to these models.
Accessories
You've chosen Subaru Impreza for its individuality. Now, the choice goes even further. There's a complementary range of Subaru Genuine Accessories to help you make the most of the vehicle's versatility and add your own personality.

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