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TECHNICAL DEVELOPMENT

A high-performance  
vehicle is a function  
of two disciplines.



Aesthetics.





# And physics.

REINFORCED BODYWORK PROTECTS PASSENGERS FROM ALL KINDS OF ACCIDENTS, INCLUDING IMPACT FROM REAR AND SIDE.

PASSENGERS ARE PROTECTED BY A SAFETY CAGE STRENGTHENED WITH REINFORCED STEEL.

ELECTROSTATIC DUST AND POLLEN FILTER FITTED AS STANDARD. OPTIONAL EXTRA FILTER AVAILABLE FOR NOXIOUS GASES AND SMELLS.

AERODYNAMIC, ROLL-RESISTANT BODYWORK ENSURES CALMER, STEADIER HANDLING, EVEN AT AUTOBANH SPEEDS.

WIND RESISTANCE FACTOR OF CD 0.29, ONE OF THE LOWEST IN ITS CLASS.

PRECISION STEERING GIVES THE DRIVER CLEAR SIGNALS FROM THE WHEELS AND ROAD SURFACE.

SOLID AND EFFECTIVE INSULATION AGAINST WIND NOISE, ROAD NOISE AND VIBRATIONS.

DRIVER'S SEAT IS PLACED CLOSE TO THE CAR'S CENTRE OF GRAVITY, ENHANCING INTUITIVE CONTROL AND FASTER REACTIONS.

CRUMPLE ZONE FRONT STRUCTURE DESIGNED TO SOFTEN COLLISION FORCES BY BREAKING DOWN IN A CONTROLLED AND PREDICTABLE WAY NO MATTER AT WHAT ANGLE THE ACCIDENT OCCURS.

VENTILATED FRONT SEAT KEEPS DRIVER'S BACK DRY EVEN IN HOT AND HUMID CONDITIONS.

WORLD'S FIRST TURBO-ONLY ENGINE RANGE: 150 BHP AND 170 BHP MODELS, PLUS WORLD'S FIRST ASYMMETRIC TURBO. THE 200 BHP V6, ALL MODELS COME WITH ECOPOWER TECHNOLOGY WHICH COMBINES HIGH TRACTION POWER WITH LOW FUEL CONSUMPTION AND LOW EMISSIONS.



SPLIT REAR AXLE WITH INDIVIDUAL REAR SUSPENSION SMOOTHS OUT THE ROUGHEST ROAD, RIGID CHASSIS CRADLES YOU AROUND THE BENDS.

NEWLY-DESIGNED REAR SUSPENSION SYSTEM ACTUALLY HELPS YOU STEER WITH GREATER PRECISION. CAR REACTS MORE SMOOTHLY AND PREDICTABLY.

ANTI-LOCK BRAKES WITH ELECTRONIC BRAKE-FORCE DISTRIBUTION OPTIMISE STOPPING POWER EVEN ON SLIPPERY ROADS.

ADVANCED CLIMATE CONTROL SYSTEM REGULATES TEMPERATURE INDIVIDUALLY FOR DRIVER AND PASSENGERS. MAY BE COMBINED WITH LUXURY TOUCH OF DRINKS REFRIGERATOR IN GLOVE BOX.

RIGID FRONT SEATS FORM A SHIELD AROUND DRIVER AND PASSENGERS FOR PROTECTION IN SIDE-IMPACT AND REAR-END COLLISIONS. SEAT FRAMES ALSO PROVIDE FIRM SUPPORT FOR SIDE-IMPACT COLLISIONS.

DRIVER'S AIRBAG AND DOUBLE SIDE-IMPACT CUSHIONS FITTED AS STANDARD. OPTIONAL FOR FRONT PASSENGER.



## The formula for true driving pleasure.

The most difficult task in building a high-performance car has nothing to do with technology. It's about making the car and driver work as one.

It's this integration of car and driver that delivers what we believe to be the key to true driving pleasure – full control.

In the new Saab 9-5, the driver is part of a system of thousands of interactive details. The foundation is an unusually aerodynamic body with exceptional torsional rigidity. This contributes to advanced road performance and helps reduce internal noise.

**TORQUE AND CONTROL.** Individual rear suspension and advanced chassis geometry give the Saab 9-5 a unique overall feel. The car seems to float steadily and silently over even the roughest road. At the same time it's extremely easy to handle both on the straight and round the bends.



YOU DON'T NEED TO UNDERSTAND WHAT 'ASYMMETRIC TURBO' MEANS. JUST TOUCH THE ACCELERATOR.

The new Saab 9-5 is the world's first all-turbo range. It comprises a 2 litre 150 bhp, a 2.3 litre 170 bhp, and in early 1998, a 3 litre V6 200 bhp – the world's first asymmetric turbo. All three engines are based on new advances in Saab Ecopower technology, a concept which combines high mid-range torque with low fuel consumption and low emissions.

### COCKPIT DESIGN.

The driver environment in the new Saab 9-5 taps into our aircraft heritage.

All gauges and controls are arranged in logical groups depending on their function and how often they're used. The driver's seat is placed close to the car's centre of gravity, enabling you to react faster and more intuitively.

The car is also equipped with refinements that make you a more alert driver. These include ergonomically-designed seats (with unique built-in ventilation), an advanced climate control system, and a highly effective dust and pollen filter.



WE'VE PUT A GREAT DEAL OF THOUGHT INTO THE DRIVER'S COCKPIT, SO YOU DON'T HAVE TO.



FRONT SEATS EQUIPPED WITH SAAB ACTIVE HEAD RESTRAINT (SAHR) AS STANDARD, REDUCING THE RISK OF WHIPLASH INJURIES.

test the strength of our front pillars we have even set up a crash test with an 800-pound artificial moose.) It is *real-life* information that guides us in the way we develop our cars.

### SOFTENING THE IMPACT.

A collision takes around 100 milliseconds. For every millisecond this time can be extended, the impact on the driver and passengers is reduced.

To gain as much time as possible, all Saab cars are equipped with a combination of hard and soft safety measures: shock-absorbing crumple zones at the front and back, and a steel reinforced protective cage around the cabin.

The soft, horseshoe-shaped construction of the front is part of a unique system: strong box-like structures absorb and distribute collision forces in a controlled, predetermined pattern. The entire front structure helps to absorb the shock no matter at what angle the collision occurs.

## The formula for true crash safety.

For several years now, both the Saab 900 and the Saab 9000 have been world leaders in crash safety in real-life accidents. This has been proven by independent insurance companies both in Sweden and abroad.

In the new Saab 9-5 we have developed crash safety to such an extent that few cars can come close.

This is because we refuse to rely solely on standardised crash tests and have created our own which far exceed the legal requirements. Over the last 25 years we have followed up over 5,000 road accidents involving Saab cars. We also conduct tough frontal collision tests involving other cars. (Believe it or not, to

### WORLD PREMIERE.

In the new Saab 9-5, every person in the car is now protected by Saab Safeseat – a complete interior safety system in itself. It includes the world's first active neck protection system for front-seat passengers, a feature which greatly reduces the risk of whiplash injuries in rear-end collisions.

The new Saab 9-5 can also have a beneficial psychological effect: the knowledge that if you are unlucky enough to be involved in a crash, you're sitting in what is probably the safest car in the world. It's a thought that should make you a calmer and more confident driver.



THE SAAB CRASH SAFETY SYSTEM IS BASED ON AN ANALYSIS OF MORE THAN 5,000 REAL-LIFE ACCIDENTS.



SAAB



There should be no forces  
outside your control.

The new Saab 95