

1999



Saab 93  
Viggen

It is difficult to deny that some of us would really find pleasure in a car that works with the driver, reacts instantly to your input and allows you to really enjoy the open road. A car with exceptional engine characteristics and outstanding roadholding that just makes you want to keep on driving. Saab has created just the car – a limited series with a special name: the Saab 9-3 Viggen.

Having been a leading-edge developer of military aircraft for many years, it was logical for Saab to choose an aircraft name. The Saab 37 Viggen is one of the most uncompromising jet fighters ever built. It combines the ability to take off and land on extremely short runways, with Mach 2+ capabilities.

On a smaller scale, there are parallels between this and our new car. Our main goal was not to present impressive figures but to give you the best overall on-road behaviour possible. After a thorough test drive we believe you will share our opinion. The Saab 9-3 Viggen is a car that is very inspiring – and great fun – to drive.





SAAB 9-3 VIGGEN

**Body and soul.**

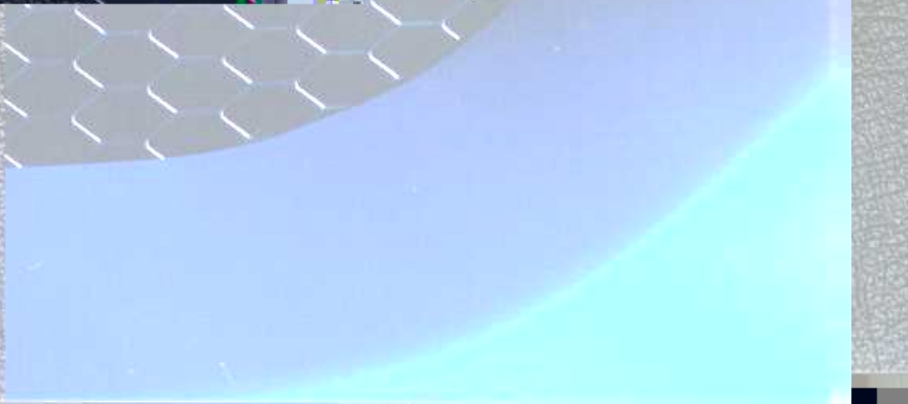
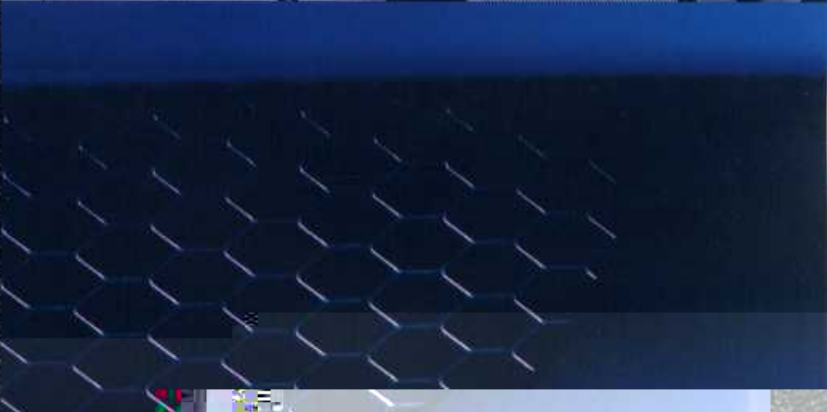
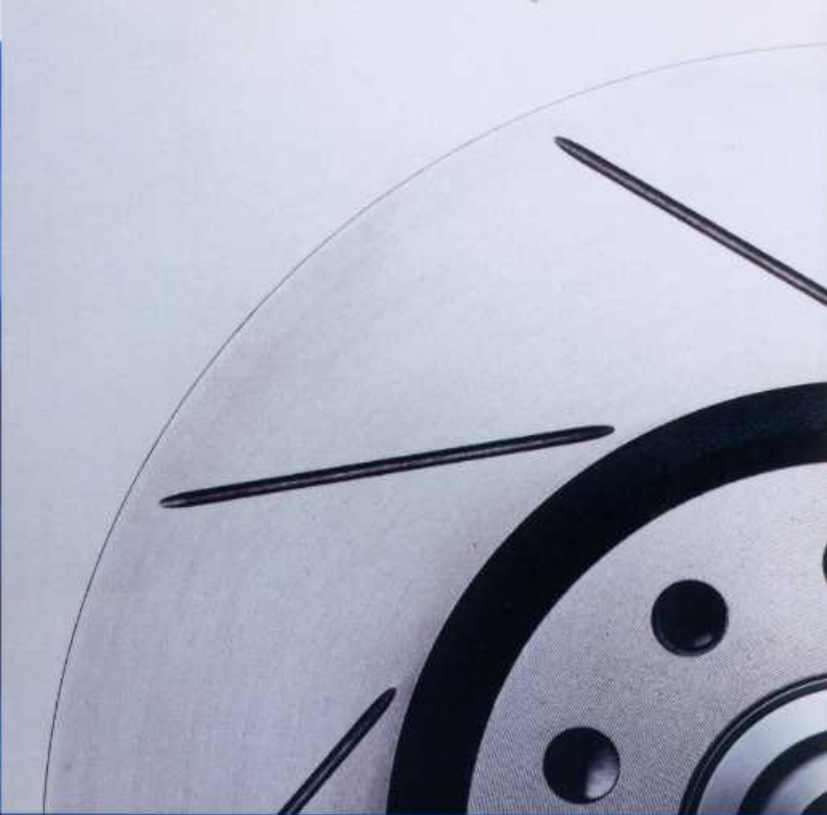
At a glance, the 9-3 Viggen resembles other Saab cars – and yet it doesn't. It radiates even more stability and force, and the trained eye recognises that this car is built for a purpose.

The shape of the body is classic and an aerodynamic success. Spoilers and side skirts have little to do with decoration; they are carefully shaped to reduce lift forces and drag. Wheels and brakes, stance and profile are all statements about the intended usage. And under the bonnet you will find an upgraded turbocharger feeding the modified 2.3 litre engine.

The Saab 9-3 Viggen has been created for active, effective driving.









## Excitement.

It should not be your car that makes you want to pause on a non-stop journey from Berlin to Cannes. Rather, your common sense, or perhaps a stunning view or your favourite countryside restaurant. In a car that invites you to drive actively, without tiring you, you can literally go further between stops. And when you can choose the exact climate of the car interior and listen to a superb audio system, it's amazing how easily the miles slip by.

The Saab 9-3 Viggen is compliant – it lets the driver decide the pace. Should you choose a more active style, you will be rewarded accordingly. The powerful turbo engine and the high-capacity brakes provide substantial allies. And so does the well-balanced chassis; the feeling you get through a long and fast bend is difficult to describe. The compliance and the way the wheels refuse to lose their grip has to be experienced.



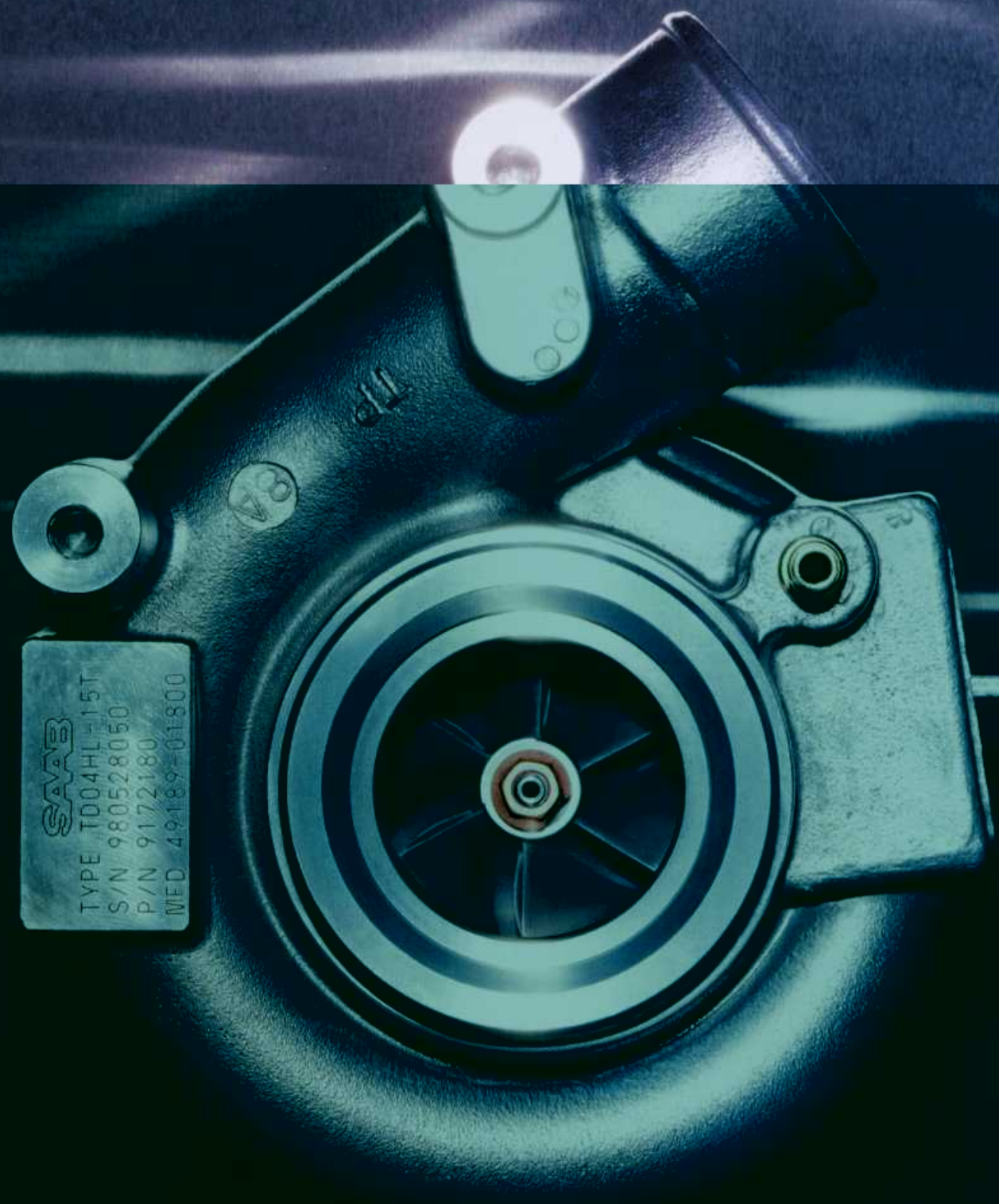
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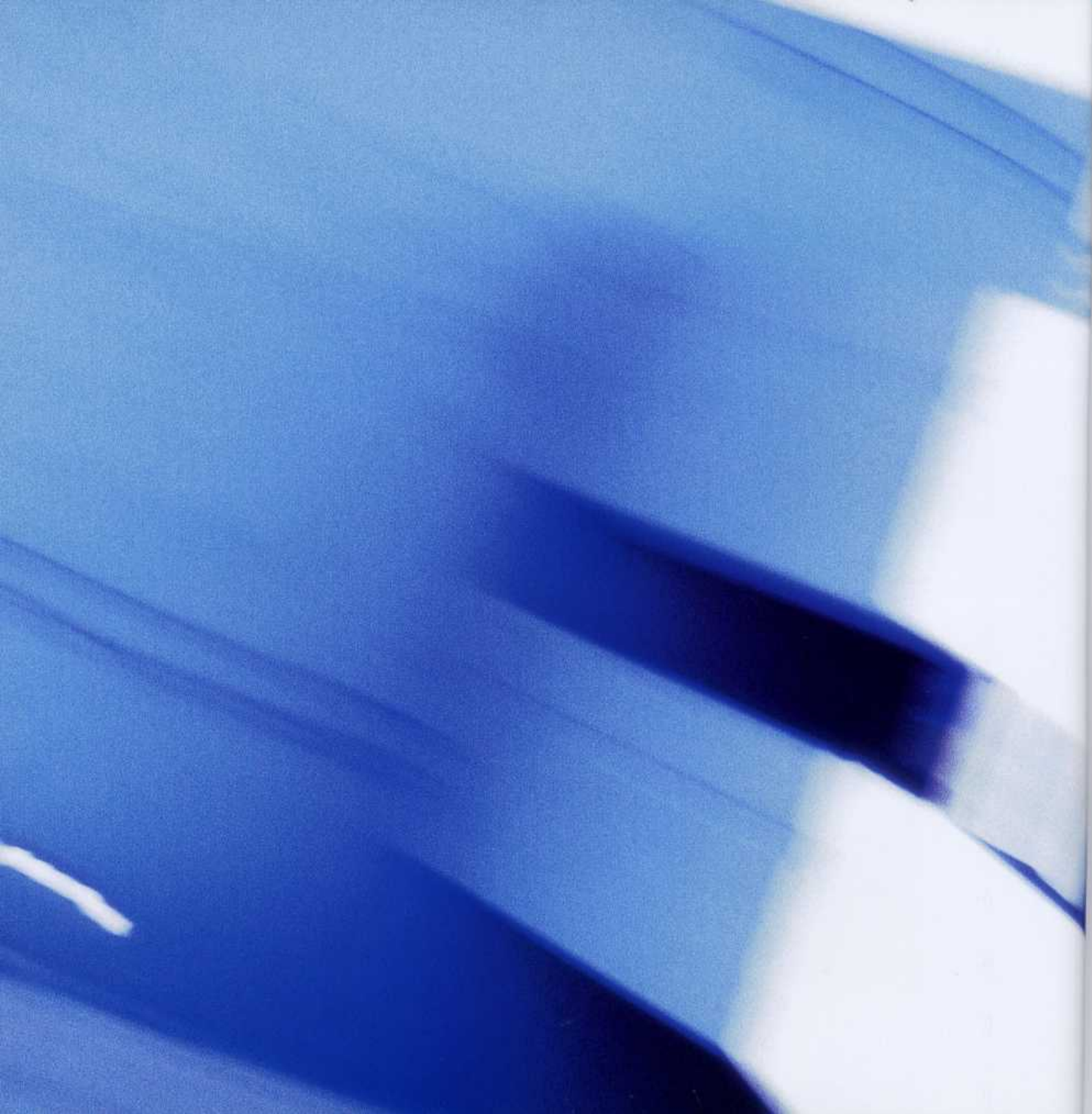
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### The engine.

The new 2.3 litre Turbo engine delivers 225 hp, giving a top speed limited to 155 mph (250 km/h). However, these figures as such are not the most important. More interesting is the torque of 342 Nm. Maximum torque is reached at 2500 rpm and the force is there all the way through the rev range. The result is astonishing acceleration, especially when overtaking. The traditional figures like the sub-7 seconds 0-62 mph (0-100 km/h) time only tell half the truth.

The new engine features a specially designed turbocharger. It is a high-performance unit, modified to support performance driving and high engine capacity.

The exhaust turbine is made from heat resistant stainless steel and the bearing housing is also specially designed for improved heat resistance. To improve the flow of inlet air to the turbocharger, a new inlet duct has been designed. The result is an efficiency improvement which has a direct influence on turbo pressure, engine performance and fuel efficiency.

However, boosting power and torque is only part of the task. The real challenge is to make the engine - and the entire car - cope with the increase. Clutch, gearbox and chassis as well as suspension, steering and brakes. All have to be in tune to create a harmonious whole.

### The transmission.

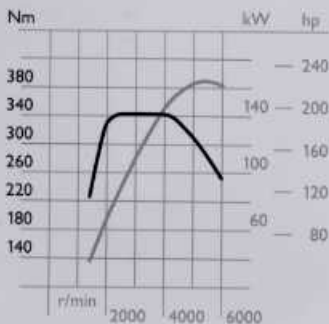
Power needs to be handled. The Saab 9-3 Viggen has a heavy-duty clutch that remains unruffled even in very active driving.

The gear ratios are chosen to suit the engine's character, and the driveshafts are dimensioned to take the heat from resolute use of the available power. In order to avoid unnecessary wheel-spin, torque limitation is activated in first and second gears.

### The brakes.

With speed comes the need for efficient and durable brakes. The Saab 9-3 Viggen has large 306 mm ventilated and grooved front discs. The larger callipers and high-rated pad compound result in improved friction, fade resistance and stability.

### The torque.



### The chassis.

A chassis designed for sporty driving can easily become stiff and bumpy. This is not the case with the Saab 9-3 Viggen. It manages to balance road grip and cornering performance with ride comfort that you will appreciate on any drive, no matter how short.

To improve feedback to the driver and enhance the roadholding, the suspension is taut and matched to the specially designed 17 inch wheels. Anti-roll bars, springs, dampers and bushings are chosen to optimise the two-way communication between car and driver.

### The feeling.

You don't really notice the capacity of this car until you ask for it. But when you do, you will find that the Saab 9-3 Viggen will respond. Acceleration, stability and brakes provide the tools for extraordinary driving excitement. This is the ultimate strength of this car - to support you in active driving.

