

## 0-6 Introduction to the Saab 9-3



Saab 9-3 Convertible

The Saab 9-3 was introduced in the UK in March 1998, as a replacement for the 900. It is based on the Vauxhall Vectra chassis, and is available as a 2-door Convertible, 3-door Coupe, or 5-door Hatchback. Petrol engines available are 2.0 litre and 2.3 litre, both turbo and non-turbo, and the diesel engine is a 2.3 litre turbo. The petrol engine has two chain-driven overhead camshafts (DOHC) with 16 valves acting on hydraulic tappets, and a balancer shaft. The diesel engine has a chain-driven, single overhead camshaft (SOHC) with 16 valves acting on hydraulic tappets.

Standard equipment includes power-assisted steering, anti-lock brakes, remote deadlock central locking, twin front and side airbags, electric windows and mirrors, and air conditioning. Optional extras include electric sunroof, electric front seats, leather upholstery and CD autochanger.

Models may be fitted with a five-speed

manual transmission or four-speed automatic transmission mounted on the left-hand side of the engine.

All models have front-wheel-drive with fully-independent front and rear suspension, incorporating struts, gas-filled shock absorbers, and coil springs.

For the home mechanic, the Saab 9-3 is a relatively straightforward vehicle to maintain and repair, since design features have been incorporated to reduce the actual cost of ownership to a minimum, and most of the items requiring frequent attention are easily accessible.

### Your Saab 9-3 manual

The aim of this manual is to help you get the best value from your vehicle. It can do so in several ways. It can help you decide what work must be done (even should you choose to get it done by a garage), provide information on

routine maintenance and servicing, and give a logical course of action and diagnosis when random faults occur. However, it is hoped that you will use the manual by tackling the work yourself. On simpler jobs, it may even be quicker than booking the car into a garage and going there twice, to leave and collect it. Perhaps most important, a lot of money can be saved by avoiding the costs a garage must charge to cover its labour and overheads.

The manual has drawings and descriptions to show the function of the various components, so that their layout can be understood. Then the tasks are described and photographed in a clear step-by-step sequence.

References to the "left" or "right" are in the sense of a person in the driver's seat, facing forward.

### Acknowledgements

Thanks are also due to Draper Tools Limited, who provided some of the workshop tools, and to all those people at Sparkford who helped in the production of this manual.

We take great pride in the accuracy of information given in this manual, but vehicle manufacturers make alterations and design changes during the production run of a particular vehicle of which they do not inform us. No liability can be accepted by the authors or publishers for loss, damage or injury caused by any errors in, or omissions from, the information given.

### Project vehicle

The main vehicle used in the preparation of this manual, and which appears in many of the photographic sequences, was a 2001 Saab SE Convertible fitted with the 2.0 litre turbocharged petrol engine and automatic transmission.



Saab 9-3 Hatchback

# 1998 2002 Saab 9 3 Repair Manual

**Larry Warren, John Harold Haynes**



## 1998 2002 Saab 9 3 Repair Manual:

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