

Volvo 850

Service and Repair Manual

John S. Mead

Models covered

(3260-240-3AG3)

All Volvo 850 models with 1984 cc, 2319 cc and 2435 cc petrol engines

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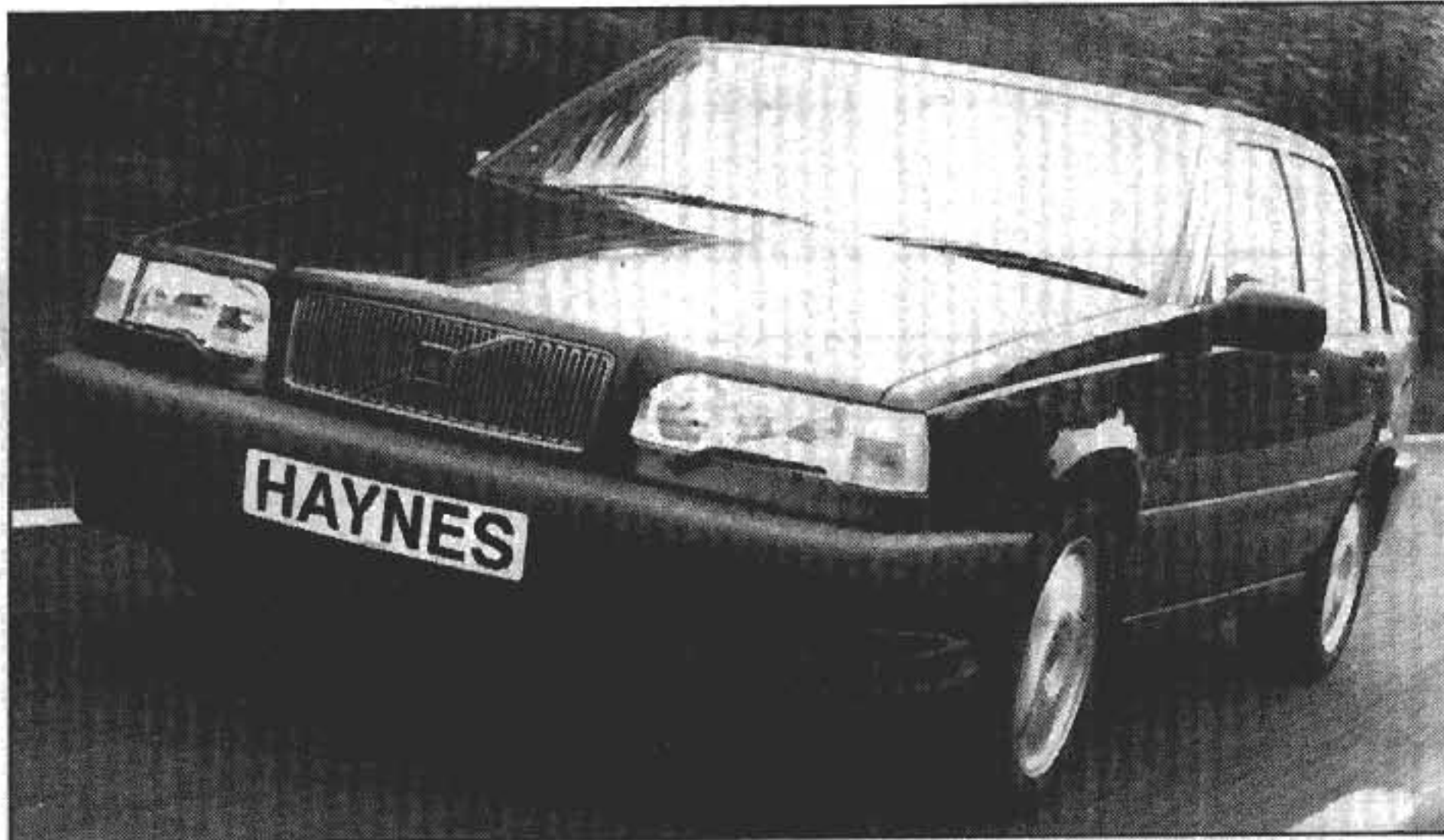
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The Volvo 850 Saloon and Estate models were introduced in 1992 and were a radical departure from the traditional Volvo large vehicle format. The 850 features transverse engine/transmission layout, front-wheel drive and state-of-the-art suspension technology providing excellent handling and driveability for a large car.

The engines used in the 850 range are all fuel-injected, in-line, five-cylinder units of 1984 cc, 2319 cc or 2435 cc displacement. Both normally-aspirated and turbocharged versions are available. The engines feature a comprehensive engine management system with extensive emission control equipment.

Both 5-speed manual and 4-speed computer controlled, automatic transmissions are available throughout the range. The automatic transmission features mode control selection allowing the driver to alter the transmission characteristics to suit economy, sport or winter driving requirements.



Volvo 850 T-5 Turbo

Braking is by discs all round, the handbrake acting on drums incorporated in the rear brake discs. Anti-lock braking (ABS) and power-assisted steering is standard on all models.

A wide range of standard and optional equipment is available within the 850 range to suit virtually all tastes. As with all Volvo models, safety features are of paramount importance and the Supplemental Restraint System and Side Impact Protection System offer an exceptional level of driver and passenger protection throughout the vehicle.

Provided that regular servicing is carried out in accordance with the manufacturer's recommendations, the Volvo 850 will provide the enviable reliability for which this marque is famous. The engine compartment is relatively spacious and most of the items requiring frequent attention are easily accessible.



Volvo 850 SE Estate

The Volvo 850 Team

Haynes manuals are produced by dedicated and enthusiastic people working in close co-operation. The team responsible for the creation of this book included:

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Photo Scans	John Martin Paul Tanswell
Cover illustration	Roger Healing

We hope the book will help you to get the maximum enjoyment from your car. By carrying out routine maintenance as described you will ensure your car's reliability and preserve its resale value.

Your Volvo 850 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" of the vehicle are in the sense of a person in the driver's seat, facing forwards.

Acknowledgements

Certain illustrations are the copyright of Volvo Car Corporation and are used with their permission. 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.

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