

240

**VOLVO**



## ***Building on success***

When the Volvo 200 series was launched in 1974, it was acclaimed by motoring journalists and national authorities as a world leader in automotive safety.

Twelve years (and some two million cars) later, this position has not only been maintained, but further strengthened by continuing product development and improvement.

Our research and development have not, however, been restricted to the field of safety. Much progress has been made in increasing fuel efficiency, reducing noise levels and in improving reliability and ease of maintenance. Equally importantly, thanks to constructive feedback from our customers, we have made great strides in driver and passenger comfort. Ample storage space for the accumulation of small items needed on long journeys, separate heating vents for rear seat passengers, a vanity mirror sensibly placed in the glove box lid-small points perhaps, but these are just a few examples of the attention to detail that make living with a Volvo such a pleasure.

### **A process of evolution**

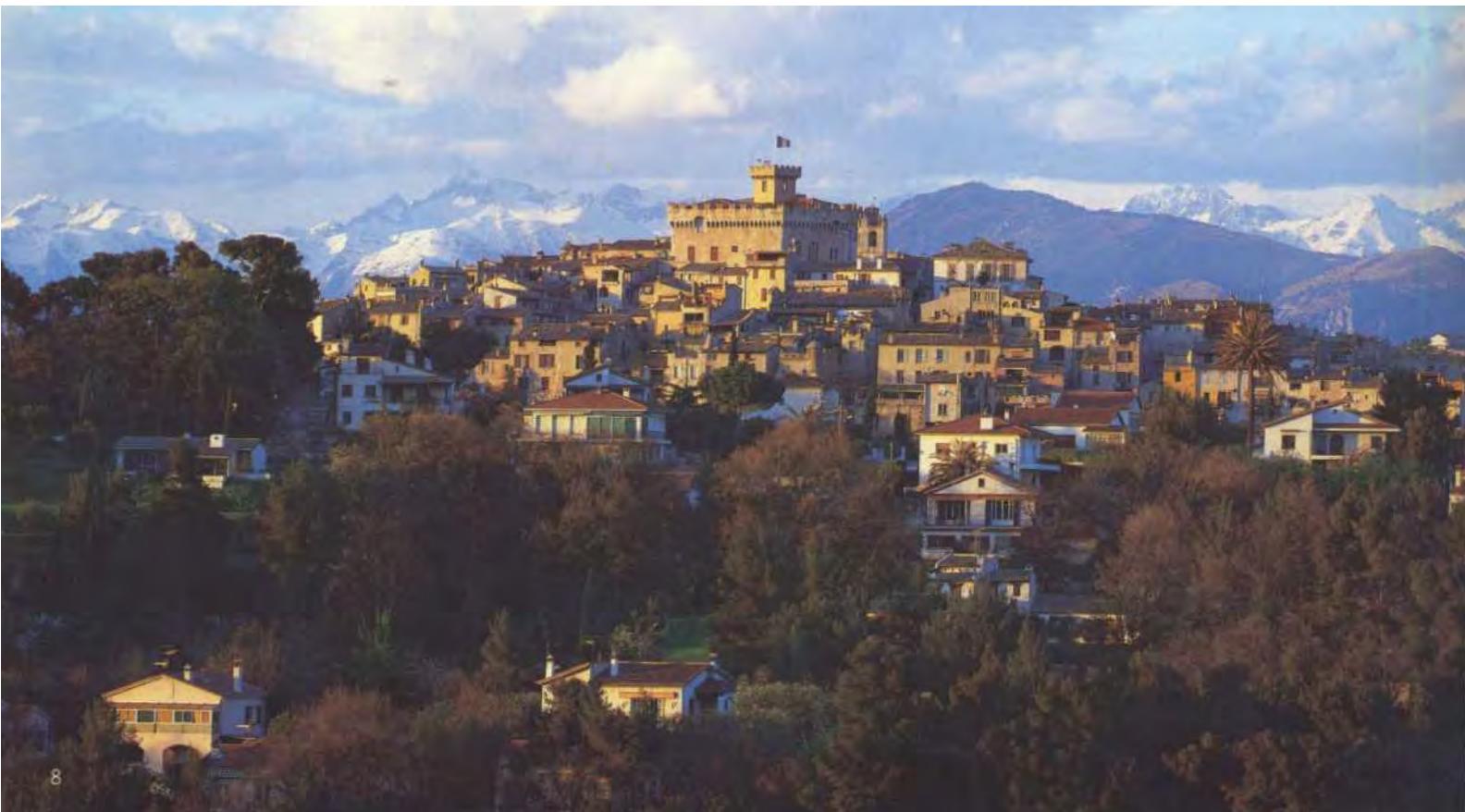
Product development over the years has been very much a process of evolution. Design and specification have not been changed for the sake of change, but because real benefits in comfort, safety, reliability or durability are to be achieved. Each new model therefore sports features that are refreshingly new, and others that are reassuringly familiar.

### **New for 1986**

Subtle exterior changes for 1986 give the 240 a smoother, sleeker and more elegant line.

Interior improvements include head restraints for rear seat passengers (saloons only), and even better lateral and lumbar support on the famous Volvo front seats. The front passenger can now share in the luxury of electrical seat heating - already so popular with Volvo drivers.

These are just some of the developments for 1986. Whichever model you choose, you will find it a worthy descendant of a long line of cars that have set new standards of safety, comfort and durability.



# ***A balance of technology and tradition***

The 1986 240 saloons and estates are carefully designed to marry the traditional virtues expected of a Volvo to the benefits of modern automotive technology.

## **Clear, concise instrumentation**

Instrumentation and controls have been ergonomically designed for optimum clarity and comfort. Fascia lighting is adjustable to suit your preference, and the most important instruments are housed behind angled glass to cut distracting reflections.

A comprehensive bank of warning and reminder lamps remain unlit as long as everything is as it should be. With your hands still safely on the padded steering wheel, you have fingertip control of indicators, headlamp dip, and wipe/wash for windscreen and headlamps (and tailgate on estates).

Tested logic and sound ergonomics keep you well informed at all times with the least possible distraction, allowing your attention to stay safely on the road ahead.



*Comprehensive, logical, easy to read instrumentation.*

## **The driving force**

Motive power for the 1986 Volvos is supplied by a 4 cylinder, 2.3 litre engine of proven reliability.

Fitted with a tried and tested horizontal carburettor, this engine develops a healthy output of 110hp, making light work of heavy loads or long motorway journeys. The even torque curve, giving superb flexibility throughout the engine speed range, means less frequent gearchanging-and therefore more relaxed driving. Another advantage is that an engine with these characteristics is ideal for towing.

All models feature a transistorized, breakerless ignition system, reducing servicing times and improving reliability.



*Proven reliability-the 2.3 litre engine*

## **Balanced efficiency**

A key factor in the design of the 240's engine is efficiency-a balance of spirited performance and fuel economy. Reserves of power are therefore concentrated in the 40-70mph range, the range in which most overtaking manoeuvres are executed,

Flexibility and responsiveness at these speeds offer a margin of performance that contributes to safety-and to driving pleasure.

### A choice of transmission

All models in the 1986240 range are available with a choice of manual or automatic transmission.

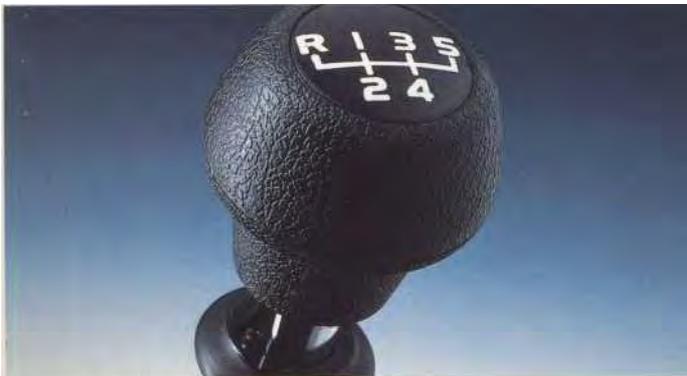
In both cases, the gearboxes have been developed and tested in conjunction with the engine, to ensure that they complement each other, offering you the best possible performance, flexibility and fuel efficiency.

### 5-speed flexibility

Manual versions are equipped with a 5-speed gearbox with crisp, precise action. Fifth gear has the characteristics of an overdrive, reducing engine revolutions by around 20%, giving quieter and more economical cruising at motorway speeds, and substantially reducing engine wear.

### Automatic with overdrive

The automatic transmission option offers an overdrive which operates automatically when appropriate, but can be manually disengaged and re-engaged, for example when overtaking. The operation could not be simpler or more logical -the driver controls look and feel exactly like a conventional 3-speed automatic, with the addition of a small electronic push button on the gearknob for the overdrive.



5 speed manual transmission.

The convenience of an automatic combined with the flexibility of overdrive makes for very relaxed and enjoyable motoring.

### Safe, predictable handling

Engine power and transmission clearly contribute to a car's handling, but exceptional roadholding is achieved by a careful balance of these systems to chassis design, suspension and steering.

A great deal of care is of course exercised in the design and testing of individual systems and components, but equal trouble is taken to ensure that they all interact perfectly. We also make sure that



Perfectly matched systems for safe, predictable handling.

their response times and behaviour are designed to match the driver's reaction times.

On the Volvo 240, light, precise power-assisted rack and pinion steering offers excellent manoeuvrability and a tight turning circle (32' 2"), giving effortless control in crowded city streets and on winding country roads alike. Match this to a live rear axle and independent front suspension, and you have a car with excellent roadholding and safe, predictable handling characteristics whatever the road or weather conditions.

# Standard Equipment

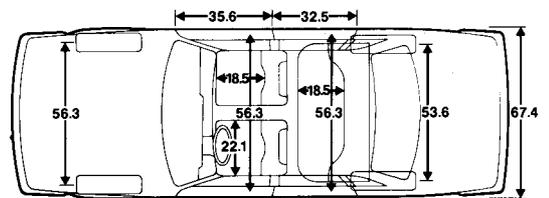
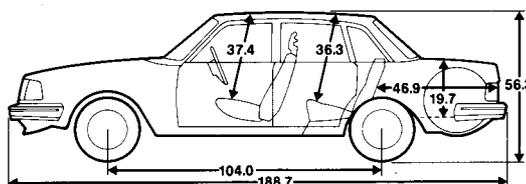
	SALOONS		ESTATES	
	240 GL	240 GLE	240 GL	260 GLE
Laminated windscreen	•	•	•	•
Tinted windows	•	•	•	•
Heated rear window	•	•	•	•
Heated front seats	•	•	•	•
Reclining front seats with lumbar support	•	•	•	•
Driving seat height adjustment by lever	•	•	•	•
Front seat head restraints	•	•	•	•
3-point inertia reel safety belts, front and rear & centre rear lap belt	•	•	•	•
Safety belt reminders	•	•	•	•
Day running lights	•	•	•	•
Rear head restraints	•	•		
Door storage compartment	•	•	•	•
Lockable glove compartment with lighting and vanity mirror	•	•	•	•
Courtesy lighting (passenger & luggage compartment)	•	•	•	•
Fitted carpets	•	•	•	•
Engine bay lighting	•	•	•	•
Hazard warning lights/Rear fog lights	•	•	•	•
Quartz clock	•	•	•	•
Brake failure/Bulb failure warning lights	•	•	•	•
Tachometer	•	•	•	•
Rear underfloor storage compartment			•	•
Side direction indicators	•	•	•	•
2-speed plus intermittent wipers/electric washers	•	•	•	•
Headlight wipers/washers	•	•	•	•
Triangle split, dual-circuit brake system and stepped-bore master cylinder	•	•	•	•
Power-assisted disc brakes all round	•	•	•	•
Child safety locks on rear doors (& tailgate on estates)	•	•	•	•
Internally adjustable door mirrors	•		•	
Electrically controlled door mirrors		•		•
Front spoiler	•	•	•	•
Metallic paint		•		•
Electric windows, front		•		•
Central locking	•	•	•	•
Power steering	•	•	•	•
CD wheel covers		•		•
Radial ply steel belted tyres	•	•	•	•
Rear window wiper/washer (intermittent)	•	•	•	•
Sunroof		○		
5-speed manual gearbox	•	•	•	•
4-speed automatic gearbox inclusive overdrive	•	•	•	•

• Standard ○ Option

# Technical information

	240 GL/240 GLE Saloons	240 GL/240 GLE Estates
Engine	B 230A	B 230A
Configuration		In-line 4-cyl. 2.3 litre
Displacement, cc	2316	2316
Bore/Stroke, mm	96/80	96/80
Max. output, kW ECE at r/s (hp ECE r/min)*	81/83 (110/5000)	81/83 (110/5000)
Max. torque, Nm ECE at r/s (kpm ECE r/min)*	187/42 (19.1/2500)	187/42 (19.1/2500)
Compression ratio/Octane rating	10.3:1f98	10.3:1/98
Fuel system	Carburettor	Carburettor
Engine block/Cylinder heads	Cast iron/Alum. alloy	Cast iron/Alum. alloy
Valve system	Overhead camshaft	Overhead camshaft
Transmission		
Manual	5-speed	5-speed
Automatic	4-speed inc overdrive	4-speed inc overdrive
Electrical system		
Battery capacity	12 V/60 Ah	12 V/60 Ah
Alternator rating	55A	55A
Ignition system	Breakerless, transistorized	Breakerless, transistorized
Fuel tank		
Safety location beside rear axle. Volume, litres	60	60
Steering gear		
Rack and pinion. Split steering column of safety type. Ratio	17.3:1, Power assisted	17.3:1, Power assisted
Turns of steering wheel, lock to lock	3.5	3.5
Turning circle diameter, metres/ft. ins.	9.8/32'2"	9.8/32'2"
Wheels		
Steel braced radial ply tyres	175-14"	185-14"
Rims	5.5" x 14"	5.5" x 14"
Suspension		
Front	Spring struts	Spring struts
Rear	Live rear axle	Live rear axle
Brakes (Power assisted)		
Front/rear	Discs/discs	Discs/discs

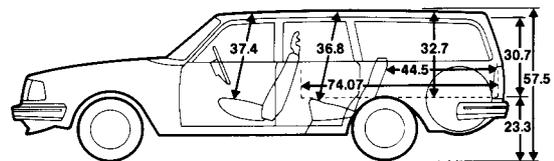
\*Measured according to: ECE R15-04 Net (Spark ignition)



Warranty: 12-month international warranty without mileage limitation.

The factory reserves the right to make changes to design and equipment without prior notification.

All measurements in inches.



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