

# **VOLVO** 245





# The Volvo with comfort for people, capacity for cargo.

You are looking at the Volvo 245, the car that combines estate car space with saloon car comforts. As soon as you get behind the wheel of the Volvo 245, your fears about estate cars handling like tanks will be dispelled. The 245 is an 'easy car to handle, for man or woman, even when fully laden. It's comfortable to drive with specially designed seats, spring strut stabilised front suspension and stiffer rear damping to improve road holding and reduce roll. It's safe, as you'd expect this Volvo to be, and adaptable, with the proven 2.1 litre engine which gives good pulling power and, by the way, runs happily on 93 octane two-star petrol. The big windows and the tight turning circle of only 32' 2" gives the Volvo estate car the ability to manoeuvre with absolute ease.

In addition to the features mentioned above, the rack and pinion steering makes steering more positive, the triangle-split dual circuit brake system features brake pipes of a special copper alloy, all this together with thorough rustproofing, gives the ride, road holding, comfort, safety and quality for which Volvo is famous.

And then it even has additional features at the back: A rear tailgate window wiper and washer and a fully-carpeted floor with a storage compartment underneath.



This is the Volvo 245 DL. To offer you extra performance, acceleration and top speed for long motorway journeys there is the Volvo 245 DLE. It has the CI fuel injection engine giving an output of 123 hp DIN, tinted glass and a metallic paint finish as standard. For improved fuel economy, the manual transmission version has overdrive as standard, and runs on two-star 93 octane petrol. Automatic transmission is also available.



## Comfort for five, capacity for 53 cu. ft. of cargo.

The Volvo 245 has a fantastic carrying capacity. Even with the rear seat up and a full complement of passengers there is 53 cu. ft. of space. By simply folding down the rear seat you can increase this amazing cargo capacity to 67 cu. ft.

Having provided such abundance of space is all very well, providing you can get things into it. There are estate cars that present all kinds of obstacles to loading bulky items. In our case, the tailgate opening is no less than 45.7" wide and 30.7" high. And the tailgate hinges are mounted on the outside where they can cause no damage to your belongings or get in the way when loading them.

Folding down the back seat is easy. First the cushion, then the backrest – a one-handed operation. The result: an entirely flat loading platform which is 6' 2" long and gives a cargo volume of 67 cubic feet. And for those special items you want to keep out of sight, there is that extra 2.3 cubic feet of space under the floor. Carpeted throughout in hard-wearing materials of matching colour, the cargo area is well equipped to serve you well. To load the Volvo 245 you only have to lift things 23" off the ground. We wouldn't be surprised if you were carried away by the Volvo 245 estate with all the advantages it offers.

The spare tyre is always easily accessible, it stands at the ready, on the left side, behind the moulded casing. Opposite this casing is a second recess which holds tools and oddments and the water reservoir for the tailgate wiper and washer system, designed to provide you with clear rearview visibility at all times.

As a finishing touch, the wiper and washer of the tailgate are assisted in their work by an electrically heated window.







# The refinements of the Volvo 245.

The Volvo 245 estate car has all the refinements you would expect to find in a quality saloon car. For example, sitting behind the wheel, you will find that the instruments and controls are cleverly positioned to suit the order and frequency of use. The dashboard of the Volvo 245 has softly rounded contours and large impact absorbing surfaces. The safety steering wheel with its large padded centre and special mounting operates through a universally jointed steering column which incorporates a number of collapse functions for your safety. Prominently positioned to catch the eye is a clever system of warning and reminder lamps which includes tell-tales for brake circuit failure and burnt-out bulbs. On the centre console you will find the controls for the highly efficient 12-outlet heating and ventilation system.

The front seats are sumptuous without a hint of sagginess. Their range of adjustments accomodates people of all sizes. And the wealth of room doesn't call for any shoulder rubbing or knees-under-chin attitudes.

The Volvo 245 is powered by a four-cylinder, 2.1 litre engine with an overhead camshaft and an aluminium alloy cylinder head of cross-flow type. One of its prime qualities is excellent torque characteristics which means fewer gear changes and excellent towing capacity. Two versions are available, one-a single carburetor giving an

output of 100 hp DIN for the DL model, another for the 245 DLE gets its fuel through a CI fuel injection system, has a transistorised contactless ignition system and delivers an output of 123 hp DIN. Both run very sweetly on two-star 93 octane petrol.

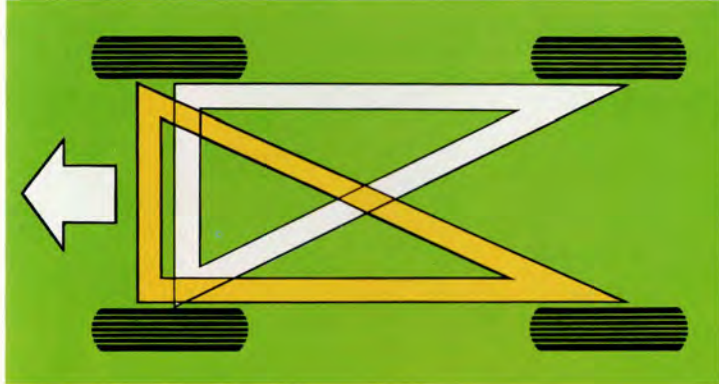
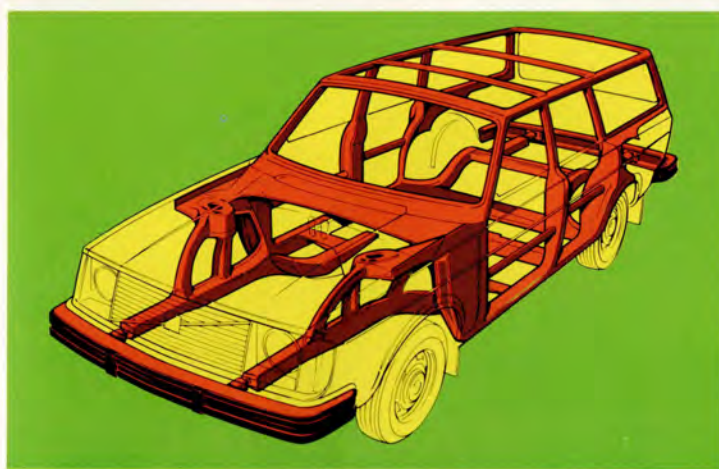
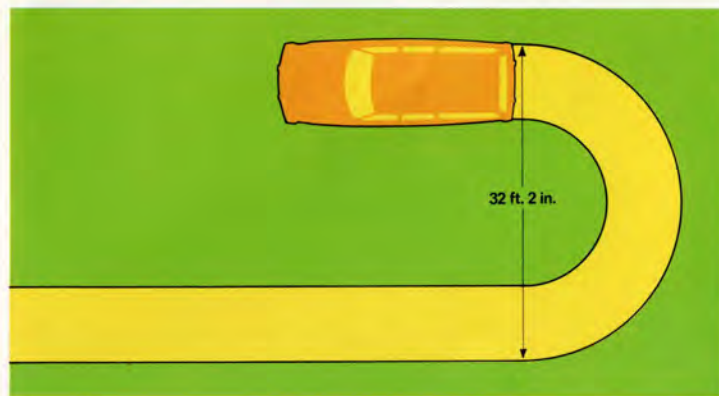
The Volvo 245 can boast excellent road holding and ride thanks to the spring strut front suspension, which incorporates a stabiliser, and the stiffer rear suspension. And for towing heavy loads there are suspension levelling devices available as extras.

Rack and pinion steering gives the Volvo 245 steering response which few other cars can better and a tight turning circle of only 32' 2" which many small cars envy.

The Volvo 245 has energy absorbing front and rear ends for our safety cage passenger compartment in which you and your family sit secure. Side impact protection is provided by the anti-intrusion bars which are welded into each of the side doors.

The Volvo 245 has a triangle-split, dual circuit brake system which means that two independent brake circuits are in operation. Each operates on the two front wheels and one rear wheel. Should one circuit fail, the other would still retain braking on three wheels and 80% of normal efficiency. Relief valves prevent premature lock up of the rear wheels and the entire system features copper alloy brake lines.

The Volvo 245 can be fitted with a foldaway rear-facing safety seat, complete with armrests, safety belts and head restraints. It is ideal for young children with a view to keep them occupied.



# Facts and figures - Volvo 245:

**Engines**  
Four-cylinder, water-cooled. Cross-flow cylinder head of aluminium alloy. Overhead camshaft.

Engine designation	B 21 A	B 21 E
Displacement, cm <sup>3</sup>	2127	2127
Max. output hp at r/m DIN	100/5250	123/5500
Max. output kW at r/s DIN	74/88	90/92
Max. torque kpm at r/m DIN	17.3/3000	17.3/3500
Max. torque Nm at r/s DIN	170/50	170/58
Compression ratio	8.5:1	9.3:1

**Cooling system**  
Frost-proofed and sealed.  
Capacity ..... 2.1 Imp. galls./9.5 litres 2.1 Imp. galls./9.5 litres

**Electrical system**  
Battery ..... 12V/60Ah 12V/60Ah  
Alternator rating ..... 35 A 55 A

**Transmission**  
Fully synchronised four-speed manual gearbox. Volvo 245 DLE with injection engine has overdrive operating on 4th speed. An automatic transmission is optional.

**Steering gear**  
Rack and pinion. Safety steering column of telescopic type.

**Suspension**  
Front: Spring strut type with stabiliser.  
Rear: Live, carried in rubber-mounted control arms and torque rods, transverse location by track rod. Coil springs and telescopic shock absorbers.

**Wheels**  
Rim dimension 5.5 J-14" with steel braced radial ply tyres size 185 SR 14.

**Braking system**  
Power-assisted, all-disc, dual circuit, triangle-split system. Each circuit operates simultaneously on both front wheels and one of each of the rear wheels.

**Fuel tank**  
Safety location beside rear axle, below rear underbody. Capacity 13.2 Imp. galls./60 litres.

**Instrumentation**  
Housed in padded safety dashboard. Rheostat-controlled instrument lighting, selected controls have concealed lighting. Six-figure mileometer with tripmeter. Fuel gauge. Coolant temperature gauge. Warning lamps for charging, oil pressure, turn indicators, main beam, handbrake application, brake circuit failure, and bulb integrity sensor. Illuminated glovebox. Combined steering and ignition lock. Centre console: switches for electrically heated rear window, rear wiper and washer and

four-way hazard warning lights. Also "fasten seat belts" reminder. Controls for heating and ventilation. Cigarette lighter. Ashtray.

**Other standard equipment**  
Combined stalk for turn indicators, main and dipped beam of halogen headlights, with headlight flasher; also for two-speed wipers and washers. Automatic day notice lights. Automatic reversing lights. Tailgate courtesy light. Inertia reel front safety belts. Childproof locks on rear side doors. Laminated windscreen. (Volvo 245 DLE has tinted glass.) Outside rearview mirror. Padded sun visors. Head restraints on front seats. Towhooks front and rear.

**Exterior dimensions**  
Overall width . 67.2 in./1707 mm  
Track: front . . . . . 56 in./1420 mm  
rear . . . . . 53.1 in./1350 mm

**Interior dimensions**  
Front seat width:  
shoulder height 54.3 in./1380 mm  
hip height . . . . . 56.3 in./1430 mm  
Front seat  
depth max. . . . . 18.5 in./470 mm  
width max. . . . . 22.0 in./560 mm

**Cargo area dimensions**  
Volume, rear seat in use approx. . . . . 55 cu.ft./1.5 m<sup>3</sup>  
Volume, rear seat folded approx. . . . . 67 cu.ft./1.9 m<sup>3</sup>  
Volume, concealed cavity approx. . . . . 2.3 cu.ft./65 dm<sup>3</sup>  
Tailgate opening, max. width . . . . . 45.7 in./1160 mm

**Weights**  
Kerb weight . . . . . 2977 lb./1350 kg  
Total weight . . . . . 4299 lb./1950 kg

**Warranty**  
Twelve-month warranty irrespective of mileage, including parts and labour.

*The factory reserves the right to make changes at any time, without notice to prices, colours, materials, equipment, specifications and models and all to discontinue models.*







# VOLVO

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