

VOLVO 144/145

Police Car



The four-door Volvo 144 and the Volvo 145 Station Wagon for police use. Specially equipped in accordance with the principles used by the Swedish Police Board and designed to stand up to severe stresses under demanding conditions of use.



Plenty of room for equipment without sacrificing driving comfort and safety

The special police versions of the Volvo 144 and 145 provide plenty of space for all the extra equipment needed without sacrificing any driving comfort and safety. There are two rotating blue lights and a spotlight on the roof. All the equipment is within easy reach. Safe and well thought out layout of instruments and controls. Easy and rapid entry to and exit from both front and rear seats. The Volvo 144 and 145 have extra large door openings and a door

opening angle as large as 80°. The safety characteristics are among the best on the market and these include the Volvo dual-circuit brake system with triangular division. The power resources of the engine have been adapted to the demands made by modern traffic. With extra power in the engine low speed range and high output for rapid acceleration.



All the instruments and controls are well planned and easy to reach. Extra equipment on the dashboard includes: switches for siren, rotating roof light, engine compartment and luggage compartment lighting, reversing light and also rear window wiper and washer. There is also a control for the automatic lighting switch: the parking lights go on automatically as soon as the engine is started and dipped headlights light up as soon as the handbrake is released. An extra feature: As long as the windshield washer button is pressed in, the washer operates. After about seven seconds the wipers start automatically and make a couple of sweeps.

The radio unit has a special switch and warning lamp for an alarm per radio. External lighting is checked by means of a warning lamp which lights up if one of the bulbs should not be operating. Map-reading lamp. In front of the right-hand front seat there is a writing panel which can be pulled out. Under the dashboard is the following equipment: case for handcuffs, retainer for manual spotlight, case for alcotest material, map case, etc.



Under the floor of the luggage compartment there is an extra storage space with room for a fire extinguisher, warning flares, tow-line, rapid-action tyre chain links, warning flashers, safety triangles, car tools, spare fan belt and sand. Corresponding equipment is available in the four-door version. All the vehicles are fitted with a special jack which fits most makes of cars.

In the luggage compartment on both types of vehicle there is accommodation for: retardation meter, camera equipment, spare battery (torch battery), fuses, inspection stamp, inspection hammer, inspection scraper, carbon monoxide tester, moped tools, blanket, towing sign, first aid pack, track marking equipment, briefcase, Brush set, inspection groundsheet, seat protector and jack accessories. There are also attachments for cycle carrier, inspection crowbar, rescue axe, broom, jack and protective sheet.

The dog net in the Volvo 145 can be folded down so that it is possible, in case of emergency, to let the dogs out through one of the side doors. The dog mat, which is made of practically untearable material, can be rolled up and hung up on the net partition. There is also accommodation for two dogs. The right-hand spare wheel housing has been fitted with a plastic casing under which the communication radio installation is located. The vehicle is fitted with a towing attachment and cycle carrier attachments.



The front seats have firmer stuffing in the cushions and backrest. Reinforced, particularly durable upholstery. On the reverse side of the backrest there is a pocket for night duty coats. Tubular retainers under seats for batons.



The doors are fitted with aluminium kick plates. Front door pockets include leg and arm reflectors, stop signs, traffic control cuffs, document file, tyre pressure gauge, tools. All doors are fitted with folding handles, the rear doors also having catches which can be locked from the front seats.



The Volvo B 20 engine. Four cylinders. Two litre capacity. Provides rapid acceleration. The high torque at moderate engine speed provides excellent lugging power. This reduces gear-changing to a minimum. Particularly valuable in heavy city traffic. Quiet and flexible operation. Thermostat-controlled pre-heating of induc-

tion air ensures smooth running directly after a cold start. Exhaust gas emission control in accordance with the Volvo system. This is based on very effective and controlled combustion of the fuel. An engine which stands up to severe treatment. An extra battery connected in parallel with the ordinary battery

provides a wide margin for extra current consumption. Extra relay panel and actuating relays for full/dipped headlights, automatic dipped headlight and parking light operation, radio alarm, windscreen wipers, windscreen washer and time lag relay for windscreen wipers.

Technical data

Engine

Type B 20, 90 b.h.p. SAE at 4800 r.p.m. Max. torque 16,5 kgm at 3000 r.p.m. 118 b.h.p. SAE at 5800 r.p.m. Max. torque 17 kgm at 3500 r.p.m.

Cooling system

Sealed. Frost-proof. Volume approximately 8,5 litres

Electrical system

Alternator, 35 A — 490 W. Starter motor rating 1 h.p. Voltage 12 V.

Gearbox

Four-speed, fully synchronized with floor gear lever. Automatic transmission available as alternative.

Steering system

Collapsible steering column of safety type. Four turns of steering wheel from lock to lock.

Body

All-welded, integral construction steel body. Stiffening box-section profiles round all body openings.

Fuel tank

Capacity 58 litres.

Heating and ventilation system

Thermostat-controlled system with large capacity. Quiet-running fan with two speeds. Air is taken to the floor in the front seats and passenger compartment. Three defroster nozzles at the windscreen. Fresh air intakes in the sides below the dashboard. Straight-through ventilation system for continuous air circulation.

Windscreen

Laminated glass of high impact type.

Other equipment

Windscreen wipers with two speeds and 16" blades. Electric windscreen washer with double water containers. Cigarette lighter. Three-point, factory-installed safety belts on front seats.

Dimensions and weight

Overall length: 464 cm
Overall width: 173,5 cm
Overall height: 144 cm
Kerb weight: 144 approx. 1310 kg
145 approx 1380 kg

For further information, see the brochures for the Volvo 140 series.

The factory retains the right to modify design and equipment at any time without previous notice.

VOLVO
AB VOLVO GÖTEBORG — SWEDEN