



# VOLVO 1971



VOLVO 144 de Luxe

VOLVO 164



VOLVO 145 de Luxe

VOLVO 144 Grand Luxe

VOLVO 1800 E



# Specifications

## Engines

Engines	B 20 A	B 20 B	B 20 E	B 30 A
Max. output b.h.p. at r.p.m. SAE	90/4800	118/5800	130/6000	145/5500
Max. output b.h.p. at r.p.m. DIN	82/4700	100/5500	120/6000	130/5000
Max. torque kpm at r.p.m. SAE	16.5/3000	17/3500	18/3500	22.5/3000
Max. torque kpm at r.p.m. DIN	16/2300	15.5/3500	17/3500	21/2500
Displacement, litres	1.99	1.99	1.99	2.98
Bore, mm	88.9	88.9	88.9	88.9
Stroke, mm	88.0	80.0	80.0	80.0
Compression ratio	8.7:1	9.3:1	10.5:1	9.3:1

B 20 A: 90 b.h.p. SAE, 82 b.h.p. DIN.

B 20 B: 118 b.h.p. SAE, 100 b.h.p. DIN.

Four-cylinder overhead valve engine with five bearing crankshaft. Thermostatically-controlled induction air pre-heating. Positive close circuit ventilation. Exhaust emission control.

B 20 E: 130 b.h.p. SAE, 120 b.h.p. DIN.

Four-cylinder electronically-controlled fuel injection engine with five bearing crankshaft. Fuel pressure regulator and overflow sensor. Electric fuel pump. Positive crankcase ventilation. Exhaust emission control.

B 30 A: 145 b.h.p. SAE, 130 b.h.p. DIN.

Six-cylinders, overhead valves, seven-bearing crankshaft, twin horizontal carburettors with "Dual induction" exhaust emission control system. Full-flow oil filter.

### Volvo 144/145 de Luxe

90 b.h.p. SAE (82 b.h.p. DIN), four-speed gearbox; automatic transmission.

118 b.h.p. SAE (100 b.h.p. DIN), four-speed gearbox; four-speed gearbox with overdrive.

### Volvo 144 Grand Luxe

Electronic fuel injection engine. 130 b.h.p. SAE (120 b.h.p. DIN), four-speed gearbox; four-speed gearbox with overdrive; automatic transmission.

### Volvo 164

145 b.h.p. SAE (130 b.h.p. DIN), four-speed gearbox; four-speed gearbox with overdrive; automatic transmission.

### Volvo 1800 E

130 b.h.p. SAE (120 b.h.p. DIN), four-speed gearbox with overdrive, automatic transmission.

### Body

All-welded integral construction steel body, completely rust-proofed and underbody treated. Especially exposed areas are hotgalvanized. Closed section reinforcing profiles around all body openings.

### Electrical system

Voltage . . . . . 12 V  
Battery capacity . . 60 Amp.hour  
Starter motor . . . . 1 h.p.

### Front suspension

Independent front suspension with coil springs and rubber-bushed wishbones. Ball joints. Double-acting hydraulic telescopic shock absorbers. Stabilizer.

### Fuel tank

Located at rear. Capacity 58 litres (13.5 Imp. gallons). Volvo 1800 E 45 l (10 Imp. galls).

## Dimensions

	140 sedans	Volvo 164	Volvo 1800 E
Overall length cm/in	464/182.5	471.5/185	435/171
Overall width cm/in	173/68	173.5/68.4	170/66.5
Overall height cm/in	144/56.7	144/56.7	128/50.5
Distance brake pedal-front edge rear seat backrest cm/in	183/72	183/72	165/65
Front seat width, hip height cm/in	143/56.3	143/56.3	125/49.3
Rear seat width, hip height cm/in	143/56.3	143/56.3	100/39.4
Depth, front seat	49/19.2	49/19.2	49/19.2
Width, front seat	57/22.5	57/22.5	50/19.6

### Rear suspension

Live rear axle carried in longitudinal rubber-bushed support arms and torque rods. Lateral location of axle by means of a rubber-bushed track rod. Coil springs and double-acting hydraulic telescopic shock absorbers. The Volvo 145 is also fitted with supplementary springs of the hollow rubber type.

### Brake system

#### Foot brake

Dual-circuit "Triangle-split" brake system. Servo-assistance with relief valves for rear circuits. All models have disc brakes all around.

### Handbrake

Mechanically operating drum brakes operating directly on rear wheels.

### Miscellaneous equipment

Three-point factory installed safety belts for front seat passengers. The Volvo 164 and 144 Grand Luxe have retractable, inertia safety belts. Thermostatically controlled heating system. Air extractor vents. Separate air intakes under dashboard. Laminated windscreen of high-impact type. Two-speed electric windscreen wipers. Electric windscreen washer. Electrically heated rear window. Cigarette lighter. Adjustable head restraints. Two fog lights of halogen type on Volvo 164 and 144 Grand Luxe.

### Cargo space, estate cars

Length with rear seat folded up 113 cm/44.5 in.

Length with rear seat folded down 188 cm/74 in.

Max. width 133 cm/52.4 in.

Height 84 cm/33 in.

Volume, rear seat in use, approx. 1.5 cu.m./53 cu.ft.

Volume, rear seat folded down, approx. 1.9 cu.m./68 cu.ft.

Volume, cavity space, approx. 0.1 cu.m./3.5 cu.ft.

Tailgate, max. width 117 cm/46 in.

Tailgate, max. height 80 cm/31.5 in.

The manufacturers retain the right to alter design and equipment without previous notification.

**VOLVO**  
AB VOLVO GÖTEBORG SWEDEN