Completely new interior for the 122 S series
Disc brakes on front wheels of all models
Galvanized door sills on all 122-S models
New front grille on the 122-S models
Automatic rear door on Volvo Station Wagon
VOLVO 122 S

Two-door Sedan (13244)
Two-door Sedan "Automatic" (13246)
Four-door Sedan (12244)
Four-door Sedan "Automatic" (12246)

Engine 90 b.h.p. SAE
Four-speed, fully synchronized transmission or automatic transmission
Disc brakes front, drum brakes rear.
Wheelbase ............................................. 102½"
Track .................................................. 51½"
Overall length ....................................... 176½"
Curb weight, two-door ................................ approx. 2500 lb.
Curb weight, four-door ................................ approx. 2600 lb.

90 b.h.p. SAE engine (B 18 D)

Bore .................................................. 3.313"
Stroke .................................................. 3.15"
Displacement ........................................... 109 cu.in.
Compression ratio ................................. 8.5:1
Max. output ......................................... 90 b.h.p. SAE at 5000 r.p.m.
Max. torque .......................................... 105 lb.ft. SAE at 3500 r.p.m.

108 b.h.p. SAE sports engine (B 18 B)
Same construction and dimensions as the B 18 D engine. Twin horizontal carburetors. Full-flow oil filter. Oil cooler.

Compression ratio ................................. 10:1:1
Max. output ......................................... 108 b.h.p. SAE at 5800 r.p.m.
Max. torque .......................................... 110 lb.ft. SAE at 4000 r.p.m.

Cooling system
Thermostat-controlled water circulation.

Battery
Voltage ............................................... 12 V

Generator
Output ............................................... max. 360 W

Start motor
Output ............................................... 1 h.p.

Clutch
Single dry disc.

Transmissions
4-speed, fully synchronized (1800 S with overdrive).
Automatic transmission (P-R-N-D-L).

Rear axle
Hypoid type.

Steering gear
Cen and roller type.

Front suspension
Independent. Coil springs and stabilizers.

Shock absorbers
Double-acting, hydraulic, telescopic shock absorbers front and rear.

Station Wagon (22244)

Engine 90 b.h.p. SAE
Four-speed, fully synchronized transmission with overdrive.
Disc brakes front, drum brakes rear.
Wheelbase .......................................... 102½"
Track .................................................. 51½"
Overall length ....................................... 176½"
Curb weight .......................................... approx. 2600 lb.

Wheels and tires
All wheels balanced. Tubeless 6.00-15" tires. Station Wagon: 6.40-15".
1800 S: Braced-tread sports tires 165-15".

Foot brake
122 S Sedans and Station Wagon; Volvo 1800 S: Disc Brakes front. Drum brakes rear.

Volvo 544:
Duo-Servo drum brakes.
Station Wagon and 1800 S have Vacuum-Servo assisted brakes.

Handbrake
Operates separately on rear wheels.

Lighting equipment

122 S Series and Volvo 1800 S:
Back-up light.

Instrumentation
Speedometer, odometer and trip meter, fuel gauge and water temperature gauge, warning lamps for charging, oil pressure, full headlights and direction indicators. Volvo 1800 S also equipped with tachometer, strip-type temperature gauges for water and oil, pressure gauge for oil and electric clock.

Other standard equipment
Foot dimmer switch, direction indicator lever with automatic return, heater and ventilation equipment, thermostat-controlled heater, two-speed fan (not on 544), electric windshield wipers and nozzles for windshield washers (1800 S electric washers), padded sun visors, dazzle-free rear view mirror, grab handle on dash (not on 1800 S or 544), cigarette lighter, ashtrays, tool kit and jack, spare wheel, seat belts for front seats and belt attachments for rear seat.

The factory reserves the right to modify prices, design and equipment.