

VOLVO

19



122 S Two-



122 S Four-



544 Two-door Sports Sedan



1800 S Touring coupe



122 S Statio

VOLVO 122 S



Two-door Sedan (13244)
 Two-door Sedan "Automatic" (13246)
 Four-door Sedan (12244)
 Four-door Sedan "Automatic" (12246)
 Engine 95 b.h.p. SAE.
 Four-speed, fully synchronized transmission or automatic transmission.
 Disc brakes front, drum brakes rear.
 Wheelbase 102¹/₂"
 Track 51¹/₄"
 Overall length 175"
 Curb weight, two-door approx. 2360 lb.
 Curb weight, four-door approx. 2400 lb.



Station Wagon (22244)
 Engine 95 b.h.p. SAE.
 Four-speed, fully synchronized transmission.
 Disc brakes front, drum brakes rear.
 Cargo space
 with rear seat up approx. 40 cu. ft.
 with rear seat down approx. 65 cu. ft.
 Wheelbase 102¹/₂"
 Track 51¹/₄"
 Overall length 176¹/₂"
 Curb weight approx. 2600 lb.

VOLVO 1800 S



Touring coupe (18345)
 Engine 115 b.h.p. SAE.
 Four-speed fully synchronized transmission with overdrive.
 Disc brakes front, drum brakes rear.
 Wheelbase 96¹/₂"
 Track 51¹/₄"
 Overall length 173¹/₄"
 Curb weight approx. 2470 lb.

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

Four-cylinder, overhead valves, 5-bearing crankshaft. Twin horizontal carburetors. Full-flow oil filter.

Bore 3.313"
 Stroke 3.15"
 Displacement 109 cu.in.
 Compression ratio .. 8.7:1
 Max. output 95 b.h.p. SAE at 5400 r.p.m.
 Max. torque 108 lb.ft. SAE at 3500 r.p.m.

115 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 .. 10.0:1
 Max. output 115 b.h.p. SAE at 6000 r.p.m.
 Max. torque 112 lb.ft. SAE at 4000 r.p.m.

Cooling system

Thermostat-controlled water circulation.

Battery

Voltage 12 V

Generator

Output max. 360 W

Starter 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

Cam and roller type.

Front suspension

Independent. Coil springs and stabilizers.

Rear suspension

Support arms, torque rods and track bar. Coil springs.

Shock absorbers

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

Wheels and tires

Tubeless 6.00-15" tires.

Station Wagon: 6.40-15".

1800 S: Braced-tread sports tires (with tubes)

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.

Body

All-welded, integral steel body. Completely rust-protected.

Gas tank

Located at rear.

Volvo 544: 10 US gallons.

Other models: 12 US gallons.

Lighting equipment

Standard sealed beam headlights. Flasher type direction indicators. Combined stop and tail lights. Internal lighting and rheostat-controlled instrument lighting.

122 S Series and Volvo 1800 S:

Back-up light.



AB VOLVO

Göteborg

Sweden