95 b.h.p. SAE engine (B 18 D)
Bore .......................... 3.313"
Stroke ........................ 3.15" Displacement ............... 1.99 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 ................... 122 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 x 15" tires.
Station Wagon: 6.00 x 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

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.