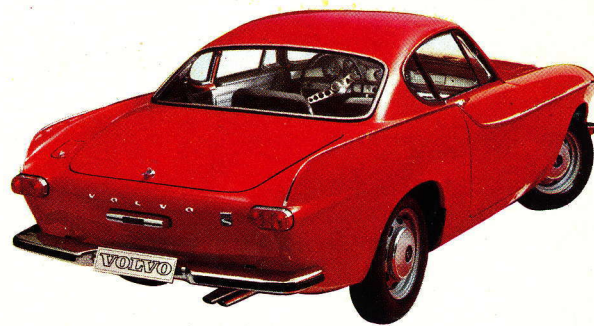
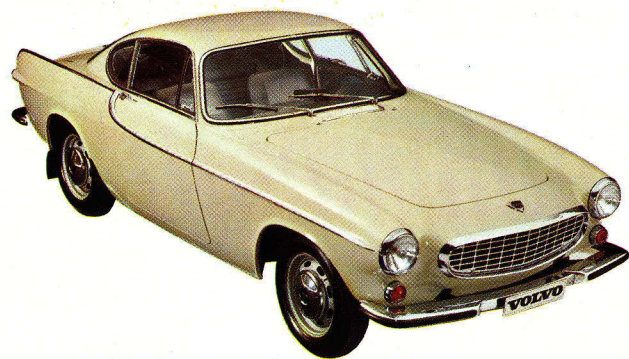
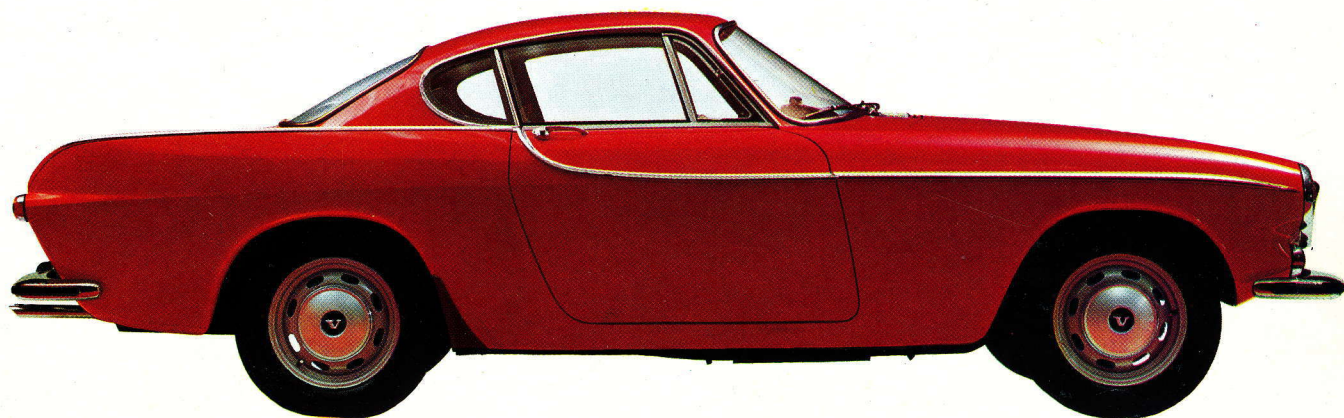


VOLVO

1800 S

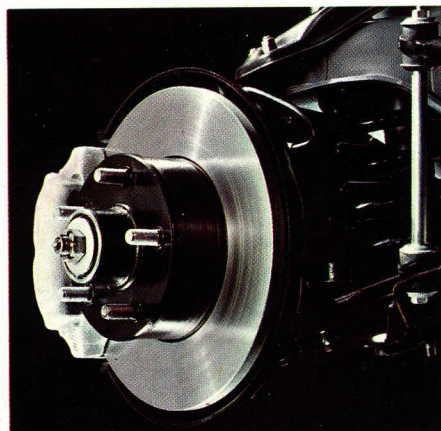




Speedometer and tachometer immediately in front.



All controls are easy to reach with the seat belt firmly on.



Power assisted disc brakes.

VOLVO

1800 S

"A very civilized touring car for people who want to travel rapidly in style."

(Road & Track Magazine.)

We think that the above quotation from the Road & Track magazine about the Volvo 1800 S says exactly what we want to say—except for one thing. It doesn't say that the car is first and foremost a Volvo. That is a product of the same attitude toward automobile manufacturing as the other Volvo vehicles. In fact, it is an attitude that the Swedish people have about all of their products. We hesitate to use the word "quality" because it is a much abused word. Nonetheless, it is the word that best describes a Volvo. And the 1800 S is Volvo-quality—all the way.

The copystyle of the 1800 S is in the classic Gran Turismo configuration. Two passengers in the front seat enjoying absolute luxury and two passengers in the rear seat who are wondering about why you ever bought a fool car like this. The rear seats are called "occasional" seats. This means that on the occasion of a short trip with good friends they are more than adequate. Folded down they will carry more luggage than most anybodydowns.

As for the design of the exterior, we will first grant you our obvious bias and then tell you we think it's the most beautiful car in the world. "We" means everyone from the president to the least of us. It truly is a beautiful car.

The engine in the Volvo 1800 S is an uncomplicated, tough, four-cylinder engine with 115 S.A.E. horsepower output. The engine has a five-bearing crankshaft, separate induction ports for each cylinder, fully-machined combustion cham-

bers, a double exhaust system from the fly-wheel back, a full-flow oil filter and an oil cooler.

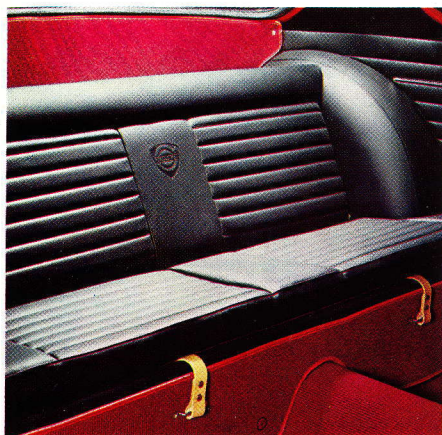
While gasoline economy may not be a factor in your car-buying decision, you will find this engine extremely economical. Over 25 miles to the gallon unless you drive like a fool.

The four-speed forward plus overdrive transmission has needle bearings that withstand stresses at the high speed. The relatively short gear shift throw has well-defined gates and it is very difficult to blow this transmission.

Disc brakes of course. They are hung on the independent front suspension which is carried in rubber-mounted control arms. The steering spindle is carried in ball joints. A stabilizer bar decreases body roll on curves. The rear axle is fitted with two longitudinal support arms. Two torque rods absorb twisting forces which might have a tendency to influence the rear axle during acceleration and braking. The rear axle is located laterally by means of a track bar.

There are coil springs and telescopic shock-absorbers all around. The shock-absorbers contain a nylon cell filled with freon gas. This prevents deterioration in the dampening effect of the shocks caused by foaming in the fluid during hard driving.

The brakes are power-assisted and have a relief valve in the line to the rear wheels which distributes the axle pressure while the car is being braked. Easy stop; easy go.



Almost infinitely adjustable seats — try them for size.



Exceptional luggage capacity.



Occasional seating behind the driver. Very exceptional luggage carrying capacity with leather strap tie-downs.

SPECIFICATIONS

AB VOLVO

Gothenburg

Sweden

Type B 18 B engine

Four-cylinder with overhead valves and five-bearing crankshaft.

Bore	3.313"
Stroke	3.15"
Capacity	108.5 cu.in. (1.78 liters)
Compression ratio	10.0:1
Max. output	115 b.h.p. (SAE) at 6,000 r.p.m.
Max. torque	112 lb.ft. (15.2 kgm) (SAE) at 4,000 r.p.m.
Carburetors	Twin horizontal carburetors
Oil filter	Full-flow type
Oil cooler	Heat exchanger Oil/water

Cooling system

Circulation thermostatically controlled.
Oil cooler (see engine).

Battery

Voltage	12 V
Capacity	60 amp./hrs.

Generator

Output	max. 360 W
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Starter motor

Output 1 h.p.
Starter switch incorporated in ignition switch. Ignition switch and coil are joined by means of a tamper-proof armored cable.

Clutch

Single dry clutch, hydraulically controlled.
Pressure plate with diaphragm spring.

Transmission

Fully synchronized and quiet running. Short floor-mounted gear lever.

Ratios: 1st gear	3.13:1
2nd gear	1.99:1
3rd gear	1.36:1
4th gear	1.00:1
Reverse	3.25:1

Overdrive

Electrically operated. Operates on fourth gear.

Ratio	0.756:1
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Rear axle

Hypoid type final drive.

Ratio	4.56:1
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Steering gear

Cam and roller type.

Number of steering wheel turns from left lock to right lock 3¼

Turning circle between curbs 29 ft. 10 in.
Turning circle between walls 32 ft. 10 in.

Front wheel suspension

Independent suspension with rubber-mounted control arms and ball joints. Coil springs and stabilizer.

Rear wheel suspension

Rigid rear axle carried on two longitudinal rubber-mounted support arms and two longitudinal rubber-mounted torque arms. Transverse location of axle by means of a track rod. Coil springs.

Shock absorbers

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

Footbrake

Hydraulic brakes with servo-assistance.

Front:

Disc brakes. Splash-protected and self-adjusting.

Rear:

Drum brakes of V-type. Self-centring.

Handbrake

Operates mechanically on the rear wheels.
Handbrake lever located between driving seat and door.

Wheels and tires

Pressed steel wheels.

Rim size 4½J×15"

Braced-tread type sports tires (with tubes)

Dimensions 165 mm—15"

Body

Integral, all-welded steel body, completely rust-protected in accordance with the most modern methods.

Fuel tank

Capacity 12 US galls.

Lighting equipment

Flasher type direction indicators front and rear. Stop and tail lights with built-in reflectors. Automatic back-up light. The interior lighting is switched on automatically when either of the doors is opened. Adjustable instrument lighting. Map-reading lamp.

Instrumentation

Speedometer with odometer and trip meter. Tachometer. Water and oil temperature gauges. Oil pressure gauge. Fuel gauge. Control lamps for battery charging, Main beams, direction indicator flashers and overdrive. Clock.

Other equipment

Foot dimmer switch. Directional indicator lever with automatic return. Fresh-air heater and defroster. Heating thermostatically controlled. Two-speed ventilation fan. Separate air intakes for ventilation in hot weather. Two-speed electric windshield wipers. Electric windshield washer. Two padded sun visors. Dazzle-free rear view mirror. Accommodation for radio. Map and glove pockets under dash. Grab handle on dash. Cigarette lighter. Ashtray. Tool equipment and jack. Spare wheel. Mudflaps.

Seat belts

Three-point seat belts fitted for both seats.

Main dimensions and weight

Wheelbase	96½"
Track, front	51¾"
Track, rear	51¾"
Overall length	173¼"
Overall width	67"
Overall height, unladen	50½"
Ground clearance	approx. 6"
Curb weight	approx. 2,470 lb.

The factory reserves the right to alter the price, design and equipment without previous notification.