



fast — exclusive — comfortable



P 1800

VOLVO P 1800

Sports Coupé

The VOLVO P 1800—A car symbolizing the rhythm of our modern age in its dynamic lines. One hundred spirited horse-power enables it to weave quietly through city traffic and glide along motorways with flashing acceleration for overtaking. Disc brakes on front wheels standard equipment together with many other safety factors: all-welded, integral construction steel body, safety belts, padded dashboard and sun visors, large wheels, electric windshield wipers. The readings on the comprehensive instrumentation can be seen at a glance from the sporting and comfortable driving seat.

To drive in a VOLVO P 1800 is an outstandingly stimulating experience. The soft but firm suspension, the exceptional roadability and the luxurious fittings which are in perfect harmony with the distinguished lines of the car, all contribute to making this thoroughbred automobile a perfect example of quality down to the smallest detail.

The VOLVO P 1800 combines superb engineering and exclusive styling for your enjoyment.



SPECIFICATIONS

Engine.

Four cylinder overhead-valve engine

Bore = 3.313" (84.14 mm)

Stroke = 3.15" (80 mm)

Capacity = 108.5 cu.in.
(1.78 litres)

Compression ratio = 9.5:1

Max. output = 100 b.h.p. (SAE)

= at 5,500 r.p.m.

Max. torque = 108 lb.ft. (15 kgm)
at 4,000 r.p.m.

Twin 1 $\frac{1}{4}$ " horizontal carburetors
Full-flow oil filter and oil cooler.

Clutch: 8 $\frac{1}{2}$ " single dry plate clutch
with hydraulic control system.

Gearbox: Four-speed fully syn-
chronized sports gearbox.

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

An electrically-operated overdrive
is available as optional extra
Ratio: 0.756:1.

Propeller shaft: Divided propeller
shaft for vibration-free operation.
The center bearing is suspended in
vibration and sound insulating
rubber blocks.

Rear axle: Hypoid type rear axle.
Ratio: 4.1:1 or 4.56:1 when over-
drive fitted.

Steering system: Cam and roller
type. Ratio: 15.5:1. Turning circle
diameter approx. 31 ft. (9.5 m).

Suspension:

Front: Independent suspension with
coil springs and control arms. The
control arms are carried in rubber
bushings and ball joints. Stabilizer
bar.

Rear: Coil springs above rear axle
which is carried in rubber-mounted
support arms, torque arms and
track rod.

Double-acting, hydraulic, telescopic
shock absorbers front and rear. For
constant operation even when driv-
ing fast on bad roads, each shock
absorber has a freon-filled nylon
cell.

Brakes: Servo brake with 5 $\frac{1}{2}$ "
servo cylinder.

Front: Splash-protected, self-adjust-
ing disc brakes of the three-cylinder
type with 10 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " discs. Liberally
dimensioned brake friction area of
14.33 sq.in. (92.5 sq. cm.) on each
front wheel.

Rear: Self-centring hydraulic 9x2"
V-type drum brakes (leading and
trailing). Brake friction area 32.5
sq.in. (210 sq. cm.) on each rear
wheel. The handbrake operates sep-
arately on the rear wheels.

Wheels and tires: Pressed steel
wheels, (4 $\frac{1}{2}$ " x 15). Sports tires
165-15".

Body: Integral construction, all-
welded steel body. Two-door, two-

seater with two occasional seats.
The body and other sheet metal
components are rust-proofed. Com-
plete undersealing.

Fuel tank: Capacity 10 Imp. gallons
= 12 US gallons (45 litres).

Electrical equipment: 12-volt
battery with a capacity of 58 amp.
hrs. 30 amp. fan-cooled dynamo
with automatic voltage control. 1
h.p. starter motor. Headlight sig-
nalling device controlled by direc-
tion indicator switch. Combined
stop and tail lights. Flasher type
direction indicators front and rear.
Twin horns and extra loud horn.

**Instrument and operating con-
trol:** Speedometer, mileometer and
trip meter, tachometer, tempera-
ture gauge for water and oil, pres-
sure gauge for oil, fuel gauge and
electric clock. Charging indicator
lamp. Indicator lamps for flashers
and full headlights. Horn button in
steering wheel hub with lever for
loud tone horn under steering wheel.

Centrally-located floor gear lever.
Handbrake lever beside driving
seat.

Other equipment: Two-speed,
self-parking electric windshield
wipers. Electric windshield wash-
ers. Thermostat-controlled fresh
air heater system with separate
defroster controls. Two separate
air intakes for summer ventilation.
Safety belts. Padded sun visors and
instrument panel. Ash-tray and
cigarette lighter. Complete tool kit
and spare wheel.

Colors: Red, ivory, metallic grey.

Principal dimensions and weight:

Wheelbase	96 $\frac{1}{2}$ " (2,450 mm)
Track, front	52" (1,315 mm)
Track, rear	52" (1,315 mm)
Overall length	173" (4,400 mm)
Overall width	67" (1,700 mm)
Overall height, unladen	51" (1,285 mm)

Ground clearance
approx. 6" (155 mm)

Kerb weight
approx. 2490 lb. (1130 Kg)

*The factory reserves the right to
modify the design and equipment.*

**AB VOLVO GÖTEBORG
SWEDEN**

