The Volvo P 1800 is a truly distinguished car, expressly designed and built to satisfy the most stringent demands made by those discerning people who are satisfied by nothing but the best quality, styling and performance.

**Engine**
- Four-cylinder, overhead valve.
- Bore: 3.15" (84.14 mm)
- Stroke: 3.15" (89 mm)
- Capacity: 106.6 cu.in. (1.73 litres)
- Compression ratio: 8.5:1
- Max. output: 100 b.h.p. (B.E.) at 5500 r.p.m.
- Max. torque: 110 lb. ft. (15.2 kgm) at 4250 r.p.m.
- Carbureters: Twin horizontal carbureters
- Full-flow oil filter: Standard
- Oil cooler: Standard

**Battery**
- Voltage: 12 V
- Capacity: 58 amp./hrs.

**Dynamo**
- Fan-cooled with automatic voltage control.
- Output: 360 W

**Starter motor**
- Output: 1 1/2 hp.
- Starter switch incorporated in ignition switch which has also a special position whereby all the electrical equipment can be used even when the engine is switched off. There is a thermostatically-armed cable between the ignition switch and the ignition coil.

**Clutch**
- Hydraulically operated 8½" single dry plate clutch.

**Gearbox**
- Four-speed, fully synchronized.
- Ratios:
  - 1st: 3.13:1
  - 2nd: 1.99:1
  - 3rd: 1.26:1
  - 4th: 1.1:1
  - Reverse: 2.5:1

**Overdrive**
- (Optional extra)
- Electrically operated
- Ratio: 0.75:1

**Propeller shaft**
- Divided for vibration-free operation. Centre bearing carried in rubber blocks as insulation from sound and vibration. Ball bearing in centre bearing requires no lubrication.

**Rear axle**
- Hypoid type final drive.
- Ratio: 4:1.1
- When overdrive fitted, ratio: 4.56:1

**Steering gear**
- Cam and roller type.
- Steering box ratio: 15.5:1

**Left lock to right lock**
- 3½ turns of steering wheel.
- Turning circle: approx. 31 ft. (9.5 m)

**Front wheel suspension**
- Independent suspension with coil springs and control arms. The control arms are carried in rubber bushes and ball joints.
- Stabilizer.

**Rear wheel suspension**
- Coil springs above rear axle. Support arms carried in rubber. Torque rods. Track bar.

**Shock absorbers**
- Double-acting, hydraulic, telescopic shock absorbers. To ensure constant damping action even when driving at high speed on bad roads, each shock absorber has a free-filled nylon cell.

**Foot brake**
- Servo-brake with 5½" servo cylinder.
- Front: Disc brakes of three cylinder type, splash-protected and self-adjusting.
- Brake disc: 10½" x ¾".
- Brake friction area: 14.5 sq.in. (92.5 sq.cm).
- Rear: V-type drum brakes (leading and trailing), hydraulic and self-centering.
- Size: 9½".
- Brake friction area: 32.5 sq.in. (210 sq.cm).

**Hand brake**
- Operates separately on rear wheels. Hand brake lever located beside driving seat.

**Wheels and tyres**

**Body**
- Integral construction, all-welded, steel body, fully rust-proofed.
- Fuel tank
  - Capacity: 11 Imp. gallons (12 US gallons = 45 litres)

**Lighting equipment**
- Headlight flasher operated by direction indicator lever. Flasher type direction indicators front and rear. Combined stop and tail-lights with built-in reflectors. The internal lighting goes on when either of the doors is opened. Instrument lighting rheostat-controlled.

**Instruments and operating controls**
- Speedometer, speedometer and trip meter, revolution counter, strip-type temperature gauge for water and oil, pressure gauge for oil, fuel gauge and electric clock.
- Charging indicator lamp. Indicator lamp for full headlights. Steering wheel with recessed hub. Centrally located remote control gear lever.

**Other standard equipment**

**Main dimensions and weight**
- Wheelbase: 96½" (2450 mm)
- Track, front: 51½" (1315 mm)
- Track, rear: 51½" (1315 mm)
- Overall length: 173½" (4440 mm)
- Overall width: 67½" (1700 mm)
- Overall height: 50½" (1285 mm)
- Ground clearance: approx. 6½ (155 mm)
- Kerb weight: approx. 2490 lb. (1130 kg)

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