## SPECIFICATIONS
### VOLVO P 1800 S

**Engine, type B 18 B**
- Four-cylinder with overhead valves and five-bearing crankshaft. Fully machined combustion chambers. Separate inlet and exhaust ports.
- Bore: 3.313"
- Stroke: 3.15"
- Displacement: 1780 cc./109 cu.in.
- Compression ratio: 10.0:1
- Max. output: 108 b.h. (SAE) at 5800 r.p.m.
- Max. torque: 110 lb.ft. (SAE) at 4000 r.p.m.
- Carburetors: Twin SU horizontal
- Oil filter: Full-flow type
- Oil cooler: Heat exchanger type

### Cooling system
- Capacity: approx. 4.5 quarts
- Circulation thermostatically controlled.
- Oil cooler (see engine).

### Battery
- Voltage: 12 V
- Capacity: 60 Ah

### Generator
- Fan-cooled and with automatic voltage control.
- Effect: max. 360 W

### Starter motor
- Output: 1 h.p.
- Starter contact in ignition lock. The lock also has a position whereby all the electrical equipment with the exception of the engine can be switched on. The ignition lock and coil are connected by means of an armored cable.

### Clutch
- Single dry disc, hydraulically controlled.
- External diameter of disc 8½".

### Transmission
- Fully synchronized; needle bearings. Short floor-mounted gear lever.
- Ratios: 1st speed, 2:13:1; 2nd, 1:99:1; 3rd, 1:56:1; 4th, 1:1; Reverse, 2.25:1

### Overdrive (extra equipment)
- Electrically controlled. Operates on fourth speed.
- Ratio: 0.756:1

### Drive shaft
- Divided for vibrationless running.
- Three universal joints mounted in needle bearings and one maintenance-free intermediate bearing mounted in rubber.

### Rear axle
- Hypoid final drive.
- Ratio: Standard 4.1:1
- With overdrive 4.56:1

### Steering
- Type cam and roller.
- Number of steering wheel turns from lock to lock: 3⁴⁄₅
- Turning circle: approx. 30 ft.

### Front wheel suspension
- Independent suspension with rubber-mounted control arms and ball joints. Coil springs and stabilizers.

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

### Shock absorbers
- Double-acting, hydraulic, telescopic shock absorbers at front and rear. For constant damping during hard driving on bad roads the shock absorbers have freon-filled nylon containers.

### Footbrake
- Hydraulic brakes with vacuum servo-assistance.
- Brake disc (diameter × thickness): 10¾ × ⅜".
- Rear: Drums of the V-type. Self-centering.
- Brake friction area per wheel: 32.5 sq.in.

### Handbrake
- Operates mechanically on rear wheels. Brake lever placed between driving seat and door.

### Wheels and tires
- Pressed steel wheels. All wheels balanced.
- Rim size: 4¾ × 15"
- Braced-tread type sports tires (with tubes).
- Size: 165 mm × 15"

### Overdrive
- Four-speed transmission
- Full-flow oil filter
- Oil cooler

### Twin SU carburetors
- Disc brakes

### Body
- Integral, all-welded steel body, completely rust-protected in accordance with the most modern methods. Closed body sections oil-mist sprayed. Undercoated wheel wells.

### Gas tank
- Capacity: 12 US gallons

### Lighting equipment
- Standard seal beam headlights. Turn indicators front and rear. Stop and rear lights with built-in reflectors. Back-up light. The interior lighting is switched on automatically when either of the doors is opened. Adjustable instrument lighting. Underdash map-reading light.

### Instrumentation
- Speedometer with odometer and trip meter.
- Tachometer. Water and oil temperature gauges.
- Oil pressure gauge. Fuel gauge. Warning lamps for battery charging, high-beam headlights, directional signals and overdrive. Clock.

### Other equipment
- Town and country horn. Foot dipper switch. Direction indicator lever with automatic return.

### Safety belts
- Three-point Volvo safety belts fitted for both seats.

### Dimensions
- Wheelbase: 96¾"
- Tread: 51¾"
- Overall length: 173¼"
- Overall width: 67½"
- Overall height unloaded: 50¾"
- Ground clearance approx. 6".
- Curb weight: approx. 2640 lb.

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

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AB VOLVO GÜTEBORG