**VOLVO 122 S TWO-DOOR**

Speedy, smart two-door Volvo 122 S with the new B 18 engine and fully synchronized transmission.

The Volvo 122 S has a thoroughly tested basic design. Strict material specifications and rigorous control and inspection during manufacture assure dependability, hard-wearing strength and lasting value. The new B 18 engine has an imposing technical design: five-bearing crankshaft, separate intake ports and fully machined combustion chambers are a few of the features included. These have given this engine a very high degree of effectivity, great output and excellent pulling power.

The front seat backrests can be easily adjusted to three different positions. For safety reasons, they are automatically locked in the front and rear positions. When the backrests are tipped forwards there is plenty of room for access to the rear seat. The two-door Volvo 122 S has an outstandingly comfortable rear seat. The armrests on the side have built-in ashtrays. Draft-free ventilation is assured by opening the rear side windows slightly.

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### B 18 D engine
- Four-cylinder, overhead valves, five-bearing crankshaft.
- Bore: 3.313" (84.14 mm)
- Stroke: 3.15" (80 mm)
- Capacity: 1.86 l
- Compression ratio: 9:1
- Max. output: 90 b.h.p. (SAE) at 5000 r.p.m.
- Max. torque: 105 lb. ft. (14.5 kgm.) (SAE) at 3500 r.p.m.
- Carburetors: two SU 1½" horizontal carburetors

### Cooling system
- Hyper-effective radiator, Thermostat-controlled water circulation with bypass valve.

### Battery
- Voltage: 12 V
- Capacity: 60 amp. hours

### Generator
- Fan-cooled with automatic voltage control.

### Starter motor
- Output: max. 30 A

### Transmission
- Four-speed, fully synchronized and silent running transmission with a central floor shift lever.

<table>
<thead>
<tr>
<th>Ratio</th>
<th>1st</th>
<th>2nd</th>
<th>3rd</th>
<th>4th</th>
<th>Reverse</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>1.31:1</td>
<td>1.99:1</td>
<td>1.36:1</td>
<td>1.1</td>
<td>3.25:1</td>
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</tbody>
</table>

### Propeller shaft
- Divided for vibration-free operation. The center bearing is mounted in rubber blocks to damp noise and vibration. Center ball bearing lubricated for life.

### Rear axle
- Hypoid type.
- Ratio: 4.1:1

### Steering gear
- Cam and roller type.
- Steering box ratio: 15.5:1
- Number of turns, left lock to right lock: 3½
- Turning circle: approx. 32 ft. (9.6 m)

### Front suspension
- Independent suspension with coil springs and control arms carried in rubber bushings and ball joints. Stabilizer.
- Front suspension: Double-acting, hydraulic, telescopic shock absorbers front and rear.

### Wheels and tires
- Pressed steel wheels, all balanced. Tubolite 5.90-15" tires.

### Footbrake
- Discs: 10½" x ½".
- Brake friction area on each front wheel 14½ sq. in. (92.5 sq. cm)

### Rear:
- Brake friction area on each rear wheel 32½ sq. in. (210 sq. cm)

### Handbrake
- Operates separately on rear wheels. Handbrake lever located beside driving seat.

### Body
- Integral construction, all-welded steel body, fully rust-proofed by modern methods.

### Fuel tank
- Located at rear.
- Capacity: 12 US gallons (10 Imp. galls. = 45 liters)

### Lighting
- Flasher direction indicators front and rear with optical and acoustic warning signal. Combined stop and tail lights. The internal light goes on when either of the doors is opened. Rheostat-controlled instrument lighting. Map-reading lamp.

### Instrumentation
- Combined instrument including speedometer, fuel gauge, water temperature gauge, tachometer and trip meter.
- Warning lamps for battery charging, oil pressure, full beams, directional indicators.

### Other standard equipment

### Attachments for safety belts
- Standard equipment includes attachments for safety belts front and rear.

#### Principal dimensions and weight
- **Wheelbase**: 102½" (2600 mm)
- **Track, front**: 51½" (1315 mm)
- **Track, rear**: 51½" (1315 mm)
- **Overall length**: 175" (4450 mm)
- **Overall width**: 63½" (1620 mm)
- **Overall height, unladen**: 59½" (1505 mm)
- **Unladen weight**: approx. 2460 lb. (1070 kg)

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

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**AB VOLVO · GÖTEBORG · SWEDEN**

**Importers:**
- **VOLVO IMPORT, INC.**, 452 Hudson Terrace, Englewood Cliffs, New Jersey
- **VOLVO DISTRIBUTING, INC.**, 452 Hudson Terrace, Englewood Cliffs, New Jersey
- **SWEDISH MOTOR IMPORT, INC.**, 3301 West 12th Street, Houston 24, Texas
- **VOLVO WESTERN DISTRIBUTING, INC.**, 12925 Riverside Drive, Sherman Oaks, Calif.

**In Canada:**
- **VOLVO (CANADA) LTD.** Head Office: 440 Comstock Road, Scarborough (Toronto), Ont.
- Branch Office: 1090 W. Georgia St., Vancouver 5, B. C.

**Back Derhen**