

VOLVO

122 S TWO-DOOR



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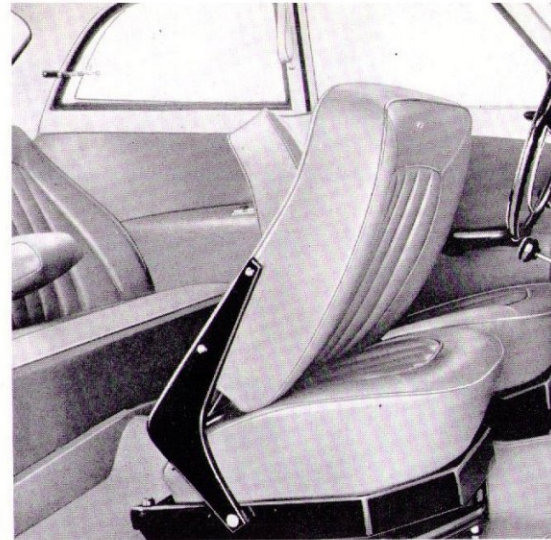
The Volvo 122S two-door is manufactured especially for those who prefer the security and the size of a two door automobile. The interior is well-planned and elegant; the body has sporting lines.

Controls and pedals function easily with utmost precision. The strong B 18 engine has ample reserve power for fast acceleration and ideal performance on long trips at high speed. Its modern design includes a five-bearing crankshaft, fully-machined combustion chambers, separate induction ports. The B 18 is fuel-thrifty; runs quietly.

The ruggedly superior design of the suspension system and the well-balanced springing give this car exceptional road-holding qualities. These factors also contribute to your comfort and safety under all driving conditions.

CHAS. BURDUMY VOLVO
4000 N. BROAD ST. PHILA., PA.

Oversized doors with wide angle openings give easy access. Massive hinges and locks increase stability and safety. Front doors have large map-pockets. Front seat backrests adjustable to three different angles; front and rear positions lock automatically for greater safety. With backrests folded down, access to rear seat is easy. Rear windows open for draft free ventilation.



B 18 D engine

Four-cylinder, overhead valves, five-bearing crankshaft.
Bore 3.313"
Stroke 3.15"
Capacity 109 cu. in.
Compression ratio 8.5:1
Max. output 90 b.h.p. (SAE) at 5000 r.p.m.
Max. torque 105 lb. ft. (SAE) at 3500 r.p.m.
Carburetors two SU 1 1/4" horizontal carburetors

Fullflow oil filter.

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.
Effect max. 360 W

Starter motor

Output 1 h.p.
The starter switch is combined with the ignition switch which has also an extra position in which all the electric equipment can be used when the engine is not running. There is a tamperproof armored cable between the ignition switch and the ignition coil.

Clutch

Hydraulically operated 8 1/4" single dry plate clutch.

Transmission

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

Ratios:

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

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.
Number of turns, left lock to right lock 3 1/4
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.

Rear suspension

Fixed longitudinal support arms, torque rods and track bar. Coil springs.

Shock absorbers

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

Wheels and tires

Pressed steel wheels, all balanced. Tubeless 5.90-15" tires.

Footbrake

Front:
Hydraulic disc brakes of three-cylinder type. Splash-protected and self-adjusting.
Discs 10 1/8" x 1/2".
Brake friction area on each front wheel 14 1/4 sq. in.

Rear:

V-type drum brakes. Hydraulic and self-centering.
Brake friction area on each rear wheel 32 1/4 sq. in.

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

Lighting

Flasher directional indicators front and rear with optical and acoustic warning signal. Combined stop and tail lights. Reversing lights incorporated in the tail lamps. 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. Odometer and trip meter. Warning lamps for battery charging, oil pressure, full headlights, directional indicators.

Other standard equipment

Horn ring on steering wheel. Foot dimmer switch. Directional indicator switch with automatic return. Heater/de-froster installation. Heater unit thermostat controlled. Low-speed heater fan with two speeds. Electric windshield wipers with two speeds and automatic parking. Nozzles for windshield washers. Twin padded sun visors, fully adjustable. Dazzle-free rear view mirror. Accommodation for radio and loudspeaker. Cigarette lighter. Ashtrays front and rear. Tool kit and jack. Spare wheel.

Attachments for safety belts

Standard equipment includes attachments for safety belts front and rear.

Principal dimensions and weight

Wheelbase 102 1/2"
Track, front 51 1/2"
Track, rear 51 1/4"
Overall length 175"
Overall width 63 3/4"
Overall height, unloaded 59 1/2"
Curb weight approx. 2360 lb.

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

AB VOLVO • GÖTEBORG • SWEDEN



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