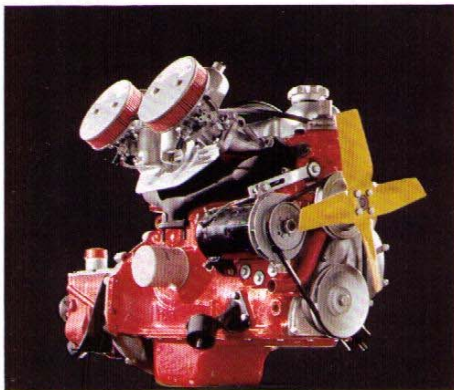


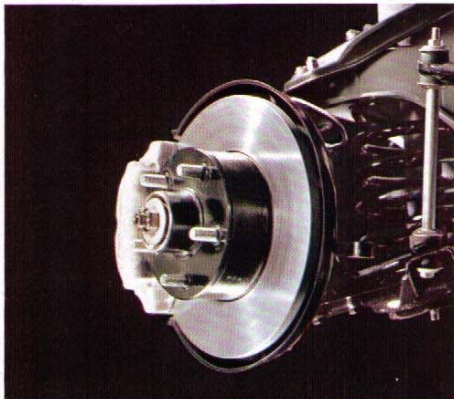
31.11.2006
Wilhelm, Ohio 44094
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VOLVO 122S SERIES





Strong, high performance engines with outputs of 75 and 95 b.h.p. SAE respectively



Disc brakes for dependable braking — even during hard driving



Three-point belt standard. Many other safety features

The Volvo 122 S is a compact car made in Sweden. It will go faster in every speed range than any other popular priced car. It gets over 25 miles per gallon of gasoline — even with an automatic transmission — and Volvos are virtually indestructible. They last an average of eleven years in Sweden where the summers are great but the winters are pretty grim and the traffic moves right along. There are no speed limits on the highways and 70,000 miles of the roads are unpaved. (It's tough to be a car in Sweden.)

The Volvo 122 S-series is available in three body styles; two-door, four-door, and station wagon.

Volvo manufactures a simple, tough, four-cylinder overhead valve engine with a five-bearing crankshaft, separate induction ports for each cylinder, fully-machined combustion chambers, full-flow oil filter, and twin horizontal SU carburetors. As Sports Car Graphic magazine wrote, "Project Volvo came off the dynamometer at the Auto-Lite test facility after one of the most severe tests we ever put a project engine through. Perhaps the foremost bit of education we acquired was learning that the Volvo B-18 engine is one of the most, if not the most reliable, rugged and unbreakable car engines being built today." Like it says in our ads you can drive it like you hate it.

Now, about shifting gears. Either you like to or you don't. If you like to, Volvo's standard gear shift is synchronized in all four speeds. No nerve-shattering crunches, ever. Not even down-shifting into first. If you don't like to shift gears, Volvo has an optional automatic drive. It's so efficient that you will still get over 25 miles on a gallon of gas.

We believe that if you build a car that goes you ought to build a car that stops. That's why all Volvo automobiles have disc brakes in the front and drum brakes in the rear. As an extra safety factor there is a relief valve in the brake lines to the rear wheels. This device balances the stopping power between the front and rear wheels no matter how unequal the weight distribution inside the car.

The upholstery in the Volvo 122 series is a texture-reinforced vinyl. It has ventilation perforations and quilted polyethylene stuffing. All of the trim, upholstery and floor mats are washable. The Volvo three-point seat belts are standard equipment on all Volvo passenger cars. They are absolutely the best in the world.

With a simple screwdriver adjustment you can make the seat back of the front seat harder or softer. Technically it's called an infinitely variable lumbar support. There is a network of india rubber straps stretched on an adjustable frame inside the seat that twists slightly to increase or decrease the tension of the straps. This changes the hardness or softness of the front seat backs. All of the ordinary adjustments are made in the ordinary way. Back and forth. Up and down. Back seat angle. Front seat pitch. Everyway but sideways.

Volvo heaters are legendary. To cope with Scandinavian winters Volvo has installed more heater than you will probably ever need. Rear seat passengers are warmed by a duct that brings the air **directly** from the heater to the back seat. As a driver you may not be impressed but your wife and kids will be. All of these things are carried in bodies that last a very long time because they are rigid. They are made rigid by the use of closed-box type construction around the doors and windows. Instead of a simple brace in the corner of the body openings, Volvo builds boxes of steel.

All of the closed sections of the body are rustproofed before welding. All exposed points are treated with weldable body paint. Welded points are sealed and the whole thing is undercoated. Particularly vulnerable parts of the car such as the rocker panels under the doors are made of galvanized steel. The major function of paint on an automobile is really much more than appearance. It is to protect the car from corrosion.

In the body-treating process we phosphate (etch) the raw body, then dip it into a synthetic primer. On this is sprayed another primer, then an intermediate color coat, and then the actual surface finish, a total of five coats.



Smart, practical equipment. Individual adjustment of driving seat for safer driving



Deep rear seat. Folding armrest in centre. Warm air also to rear seat



Plenty of room for both the family and its luggage



Large cargo space. Easily accessible through rear door or side doors

Specifications

AB VOLVO

GÖTEBORG - SWEDEN

Type B 18 D engine

Four-cylinder O.H.V. and five-bearing crankshaft.

Bore	3.313"
Stroke	3.15"
Capacity	1.78 liters (109 cu.in.)
Compression ratio	8.7:1
Maximum output	95 h.p. (SAE) at 5,400 r.p.m.
Maximum torque	108 lb.ft. at 3,500 r.p.m.
Carburetors	2 horizontal carburetors
Oil filter	Full-flow type

Cooling system

Very effective radiator. Water circulation thermostatically controlled.

Battery

Voltage	12 V
Capacity	60 Ah

Generator

Output	Max. 360 W
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Starter motor

Output 1 h.p.
Starter contact in ignition switch. The ignition switch and coil connected by a tamper-proof armored cable.

Clutch

8 1/2" single dry-disk clutch, hydraulically controlled.

Transmission (mechanical)

Four-speed, fully-synchronized.	
Reduction ratios:	
1st speed	3.13:1
2nd speed	1.99:1
3rd speed	1.36:1
4th speed	1:1
Reverse	3.25:1

Transmission (automatic)

Hydraulic torque converter. Fully automatic transmission. Standard P-R-N-D-L shift.

REAR AXLE

Hypoid type.	Station Wagon
Reduction ratio	4.1:1 4.56:1

Steering gear

CAM AND ROLLER

Number of steering wheel turns from lock to lock	3 3/4
Turning circle	between curbs 30 ft. between walls 35 ft.
Turning circle, Wagon	between curbs 35 ft. between walls 37 ft.

Front wheel suspension

Independent suspension with rubber-mounted control arms and ball joints, coil springs and stabilizers.

Rear wheel suspension

Rigid rear axle mounted in two longitudinal, rubber-mounted support arms and twin longitudinal rubber-mounted torque arms. The axle is located laterally by a tie-rod attached to the body. Coil springs. In addition, the Station Wagon has progressively operating auxiliary springs of the rubber-bush type.

Shock absorbers

Double-action, hydraulic, telescopic shock absorbers at front and rear.

Foot brake

FRONT

Hydraulic disc brakes. Protected by splash guards and self-adjusting.

REAR

Drum brakes of the V-type. Hydraulic and self-centering.
The Station Wagon has vacuum-servo operated brakes.

Handbrake

Operating mechanically on the rear wheels. Handbrake lever between the driving seat and door.

Wheels and tires

Pressed steel wheels.	
Tires with white sidewalls.	
Size	6.00—15"
Station Wagon model	6.40—15"

Body

Integral, all-welded steel body, completely rust-protected.

Fuel tank

Located at rear.	
Capacity	12 US galls.

Lighting equipment

Directional flashers at front and rear. Stop and rear lights with built-in back-up lights. The interior lighting is switched on when either of the front doors is opened. Adjustable instrument lighting, Map-reading lamp.

Instrumentation

Combination instrument consisting of speedometer, fuel and water temperature gauges, odometer and tripmeter. Warning lamps for charging and oil pressure. Control lamps for main beams and directional signals.

Other equipment

Horn ring on steering wheel. Foot dimmer switch. Directional signal switch lever with automatic return. Fresh-air fed heater and ventilation unit. Warm air supply thermostatically controlled. Two-speed ventilation fan. Two-speed electrical windshield wipers with automatic return. Padded sun visors. Dazzle-free rear view mirror. Place for radio and loudspeaker. Map pockets on front doors. Grab handle on dash. Cigarette lighter. Ashtrays at front and rear. Tool equipment including jack. Spare wheel. Seat belts for front seats and belt anchorages for rear seat.

Dimensions common to all cars in the 122 S-series

Wheelbase	102 1/2"
Track, front and rear	51 3/4"
Overall width	63 3/4"

Dimensions and weights for Sedan models

Overall length	175"
Overall height, unloaded	59 1/4"
Curb weight, two-door	approx. 2,360 lb.
Curb weight, four-door	approx. 2,425 lb.

Dimensions and weight of Station Wagon model

Overall length	176 1/2"
Overall height, unloaded	60 1/4"
Ground clearance, unloaded	8 3/4"
Ground clearance, with 4 persons	7"
Curb weight	approx. 2,640 lb.

LUGGAGE COMPARTMENT

Length	46 3/4"
Length with rear seat down	72"
Overall width	49 1/2"
Height	34"
Space with rear seat up	approx. 40 cu. ft.
Space with rear seat down	approx. 65 cu. ft.

Rear opening

Width	41 1/2"
Height	30 3/4"

The factory reserves the right to modify price, design and equipment without previous notice.