

# VOLVO

The Swedish car that lasts long enough to get you out from under car payments.

The Volvo 142 is a two-door car.



The Volvo 145 is a five-door car.



The Volvo 144 is a four-door car.



The Volvo 1800S  
is a handsome two-seater  
that looks like a sports car,  
but lasts like a Volvo.







# Specifications

## Engine

In-line, overhead valve, with "dual induction" exhaust emission control system, full-flow oil filter and thermostatically-controlled preheating system for air entering the intake manifold.

Designation	B 20 B
No. of Cylinders	4
No. of main bearings	5
Bore	3.50 in.
Stroke	3.15 in.
Displacement	121 cu.in.
Output	118 bhp SAE 5,800 rpm
Torque	123 ft. lb. SAE 4,000 rpm
Compression Ratio	9.5:1

## Transmission

Four-speed, fully-synchronized, with floor-mounted gearshift lever.

Ratios: 1st	3.13:1
2nd	1.99:1
3rd	1.36:1
4th	1.00:1
Reverse	3.25:1

Optional: Fully automatic hydraulic three-speed transmission with torque converter, column-mounted shift lever and standard quadrant. Available for all models except 1800S.

## Rear Axle (Hypoid)

Ratio: For Standard Transmission	4.3:1
For Optional Automatic	4.1:1

## Cooling System

Sealed with anti-freeze. Coolant circulation by engine-driven pump. Capacity 2 1/2 gallons. Transparent expansion tank. Engine-speed-controlled fluid fan coupling disengages to reduce noise and increase gas mileage.

## Fuel System

Twin horizontal carburetors supplied by mechanical pump.

Tank Capacity:	142S, 144S, 145S	15.50 gal.
	1800S	11.75 gal.

## Electrical System

Voltage	12
Battery Capacity	60 amp. hr.
Alternator Rating	35 A
Starter Motor Output	1 hp

## Wheels and Tires

Balanced, pressed-steel wheels with safety rims. Stainless steel hubcaps. 142S, 144S, and

145S come with white-sidewall, wide-base, low profile tubeless tires. 1800S comes with high-performance wide-base, low profile radial tires with tubes.

Rim size:	4 1/2 x 15
Tire size: 142S, 144S, 145S	165-15 (6.85-15)
1800S	165 SR 15

## Suspension

Front: Independent with ball joints and rubber-mounted control arms. Anti-sway bar. Coil springs with telescopic shock absorbers. No lubrication of front suspension and drive shaft components is required for the life of the car. Rear: Solid rear axle carried by longitudinal rubber-mounted support arms and torque rods. Transverse location by rubber-mounted track rod. Coil springs with telescopic shock absorbers. 145S station wagon is equipped with heavy-duty coil springs plus auxiliary rubber springs.

## Body

Integral all-welded steel. Fully rustproofed and undercoated. Passenger compartment surrounded with boxed steel members.

## 142S TWO-DOOR, 144S FOUR-DOOR, 145S STATION WAGON

### Dimensions and Weights

Wheelbase	102.4 in.
Curb Weight, approx. 142S	2520 lb.
144S	2600 lb.
145S	2870 lb.
Length	182.7 in.
Height	56.7 in.
Width	68.1 in.
Track, Front and Rear	53.1 in.

### 145S Cargo Compartment

Volume, approx.	67 cu. ft.
Supplementary Space	3.5 cu. ft.
Max. Length	74.0 in.
Min. Length	44.5 in.
Max. Width	52.0 in.
Min. Width	42.0 in.
Height	33.0 in.
Tailgate Height	31.5 in.
Tailgate Width	46.0 in.

## Brake System

Power assisted four-wheel self-adjusting disc brakes. Twin circuits. Each operates on both

front wheels and one rear wheel. Warning light signals if one circuit fails. Single circuit provides 80% of full four-wheel braking efficiency. Special rear wheel pressure relief valves assure maximum stability during emergency stops. Separate mechanically operated rear wheel drum parking handbrake. Lining area 27 sq. in.

Disc Diameter:	Front	10 x 22/32 in.
	Rear	11 x 19/32 in.
Pad Area:	Front	22.8 sq. in.
	Rear	14.4 sq. in.

## Steering (Cam and Roller)

Turns, Lock to Lock 4  
Turning Circle 30 ft. 4 in.  
Recessed steering wheel with collapsible steering column.

## 1800S SPORTS COUPE

### Dimensions and Weights

Wheelbase	95.5 in.
Curb Weight, approx.	2460 lb.
Length	173.3 in.
Height	50.5 in.
Width	67.0 in.
Track, front and rear	51.7 in.

## Overdrive

Electrically operated on 4th gear by means of finger-controlled lever mounted on steering column. Ratio: 0.756:1.

## Brake System

Power assisted. Twin circuits. Each operate on both front wheels and one rear wheel. Warning light signals if one circuit fails. Single circuit provides 80% of full four-wheel braking efficiency. Special rear wheel pressure relief valves assure maximum stability during emergency stops. Parking handbrake mechanically operated on rear wheel drum brake system. Handbrake warning light.

Front: Self-adjusting 10.9 in. discs  
Rear: Self-centering 9.0 in. drums  
Effective Swept Brake Area: 339 sq. in.

## Steering (Cam and Roller)

Turns, Lock to Lock	3.25
Turning Circle	29 ft. 10 in.

The factory reserves the right to make changes at anytime, without notice, in prices, colors, materials, equipment, specifications and also to discontinue models.