

VOLVO 123 GT



Volvo 1800-120 Club Australia - George Minassian
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The Volvo 123 GT is fast, safe and comfortable. It has been designed particularly for those who want to make the most of their time and utilize speed resources where roads permit this. The Volvo 123 GT has sports performance and outstanding equipment. It is a combination of well-considered comfort and well-tested technique.

The Volvo 123 GT has many features which enable the driver to travel at high speed and in comfort no matter what the time of day, the time of year or the weather. These features include two extra headlights, rearview mirrors on the front mudguards, special windscreen wipers, sports

car shock absorbers, a specially designed steering wheel, a revolution counter, comfortable front seats with continuously variable backrests which can be folded down to a reclining position, lighting units in the engine compartment and luggage compartment, etc.

The Volvo 123 GT is the fastest of the units in the 120 series. The sturdy and renowned B 18 engine has an output as high as 115 b.h.p. The Volvo 123 GT has excellent speed resources and flashing acceleration. The overdrive provides comfortable and economical driving for long distances.

The electrically actuated overdrive operates on fourth gear. It is engaged and disengaged by means of a lever on the steering column and is, in point of fact, a fifth gear which decreases engine speed (by altering the ratio from 1:1 to 0.75:1). This decreases fuel consumption and noise level.

Above the dashboard there is a small extra shelf. Without taking your eyes off the road you can use this for your sun glasses, etc.

The robust gearbox has four forward gears—all synchronized. Gear lever movements are small and the gearbox has clearly marked positions.

The revolution counter—an excellent and natural supplement to the trained ear of an experienced motorist. The revolution counter shows you when the engine reaches its maximum speed—and when it develops maximum output. This is an excellent aid to ensure exact gear-changing.

Sit in the smart front seats. Notice the lateral support you get from the seats—this eliminates sliding about when cornering. Feel the support you have for your legs right up to the knees. The front seats can be adjusted so as to provide you with the correct arm and leg positions—the lumbar support in the backrest can also be adjusted. The backrest is continuously variable right down to a reclining position.



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A three-spoke sports steering wheel, all controls within convenient reach and a clear easy-to-read instrument panel. Extra loud horn.

The Volvo 123 GT has special windscreen wiper blades of a new type suitable for fast driving. The wiper blades have two speeds. In common with the other models in the 120 series, the GT has a laminated glass windscreen which ensures vision even after it has been hit and damaged by flying stones. The windscreen washer is electric and actuated by the same control as that used for the windscreen wipers.

Volvo three-point safety belts are standard equipment on the front seats. They are fitted with a new, dependable and comfortable catch and released with the help of a special lever. Anchorage for fitting three-point belts are already installed on the outer ends of the rear seat.

The Volvo 123 GT has special shock absorbers which contribute to the excellent road-holding of this car even when travelling at high speed. The all-welded body has reinforcing closed box-type profiles round all body openings. Rust-proofing is also comprehensive—complete underbody sealing and hot dip galvanizing of particularly exposed body sections.

An extra rearview mirror is fitted on each of the front mudguards—this ensures continuous vision concerning cars behind.

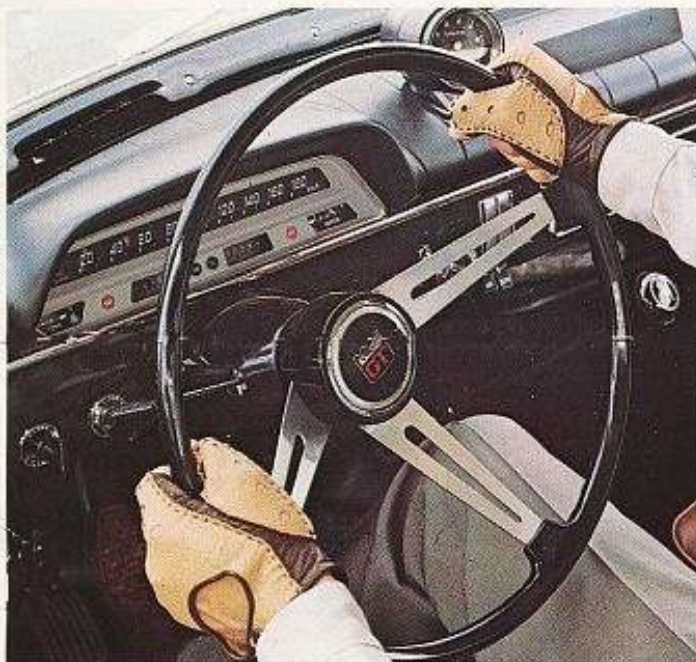
Standard equipment on the Volvo 123 GT includes two powerful extra headlights of the quartz iodine type. One of these is used as a cornering or fog light. The other is a long-distance headlight with particular brilliance and a long range.

All the controls—including the handbrake—are easily accessible even when wearing the safety belt. During the winter the thermostat-controlled heater system of the fresh air type ensures rapid and effective heating.

The exhaust system on the GT model is fitted with a chromed tail pipe extension.

The Volvo 123 is fitted with large wheels: these provide a large contact surface with the road, stand up to great loading and provide greater ground clearance. The pressed steel rims have ventilation perforations and the GT model has chromed wheel trims and also braced tread tyres designed for high speed driving.

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115 b.h.p. engine with twin horizontal carburettors. Five-bearing crankshaft balanced for high speeds. The camshaft is driven directly by the crankshaft. The valve springs are of carefully selected special Swedish steel. Both the engine

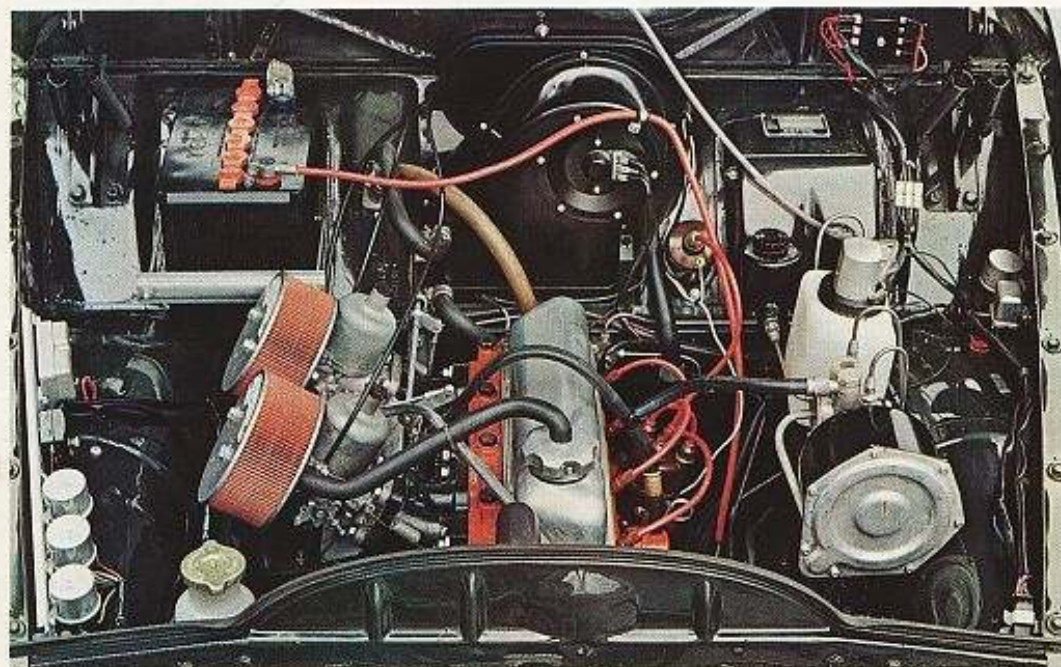
compartment and the luggage compartment are fitted with lighting units.

The B 18 engine has great power resources which are always available. Try it out for yourself.

Sealed cooling system.

Disc brakes on front wheels. Well-dimensioned drum brakes on rear wheels. Power-assisted system. Reduction valve which prevents the rear wheels from locking before the front wheels.

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SPECIFICATIONS

Engine

Type B 18. Four-cylinder with overhead valves and five-bearing crankshaft.
Capacity 1.78 litres
Bore 84.14 mm (3.313")
Stroke 80.0 mm (3.15")
Maximum output 115 b.h.p. SAE at 6000 r.p.m.
Maximum torque 15.5 kgm (112 lb.ft.) at 4000 r.p.m.
Compression ratio 10.0:1
Twin horizontal carburettors.

Cooling system

Sealed. Water cooling with pump and thermostat. Capacity approx. 8.5 litres (15 Imp pints = 17 US pints). Frost-proof.

Electrical system

Voltage 12 V

Power transmission

Clutch. Single dry plate clutch of diaphragm spring type. Hydraulically actuated.
Gearbox. Four-speed with overdrive. Fully synchronized with floor-mounted gear lever. The overdrive is actuated by means of a lever on the right-hand side of the steering column.

Rear axle. Hypoid type.

Front suspension

Independent suspension with rubber-mounted control arms. Ball-joint steering. Coil springs. Stabilizer.

Rear suspension

Rigid rear axle carried in longitudinal, rubber-mounted support arms and torque

rods. The axle is located laterally by means of a rubber-mounted track rod. Coil springs.

Shock absorbers

Double-acting telescopic shock absorbers all round.

Brake system

Front: self adjusting disc brakes.
Rear: self-centring drum brakes (diameter 9")
A relief valve in the brake system prevents the rear wheels from locking before the front wheels. Power assisted.

Body

Integral all-welded steel body, fully rust-proofed and treated with underbody sealing compound. Particularly exposed sections are hot dip galvanized. Reinforcing, closed box profiles round all body openings.

Fuel tank

Located at rear. Capacity approx. 45 litres (10 Imp gals = 12 US gals.).

Instrumentation

Speedometer, mileometer, tripmeter, revolution counter, fuel gauge and water temperature gauge. Warning lamps for charging, oil pressure, full headlights and overdrive. Continuously adjustable rheostat-controlled instrument lighting. Audible and visible signal for direction indicator flashers. Headlight flasher. Map-reading lamp.

Lighting equipment

Asymmetrical headlights. One cornering/fog light, one extra long-distance light. Engine compartment and luggage compartment lighting. Reversing lights.

Miscellaneous equipment

Three-point factory-installed safety belts on front seats. Anchorages for three-point belts on rear seat. Laminated glass windscreen. Electric windscreen wipers of two-speed type suitable for fast driving. Electric windscreen washer. Thermostat-controlled heater system with large capacity, two-speed fan and heater duct to rear seat. Dazzle-free rearview mirror. Two external rearview mirrors. Fold-down fittings on front seats. Special shelf above dashboard. Special GT steering wheel. Loud tone horn. Cigarette lighter. Chromed wheel trim rings. Exhaust tail pipe extension. Courtesy straps and grab handle. Folding armrest in centre of rear seat. Mud flaps. Spare wheel. Jack. Tool kit.

Main dimensions and weight

Overall length	444 cm (175")
Overall width	163 cm (64")
Overall height, unladen	148 cm (58")
Track, front	132 cm (52")
Track, rear	132 cm (52")
Wheelbase	260 cm (102 1/2")
Kerb weight approx.	1150 kg (2535 lb.)

Braced tread tyres, type 165SR15.

The Volvo GT requires no periodical greasing. It has a six-month factory guarantee.

The factory retains the right to modify design and equipment without previous notice.

AB VOLVO Göteborg - Sweden