



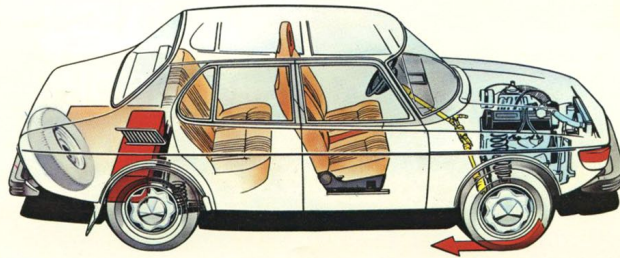
SAAB
Saab 99 GL

The 99 GL—is an Excellent Example of Why Saab is Rated by Car Experts as Having a Rare Combination of Performance and Practicality.

It has been the credo of Saab—right from our beginning—to produce superb performance cars. Our emphasis on performance is the single most important reason why Saab has been historically classed by the world's car experts as one of the finest performance cars.

A history of automotive innovations, original design and attention to detail have culminated in Saab proving its high performance capability by consistently winning the harshest of competitions; cross country races and rallies in Europe, Africa and Asia. And in the United States, in Showroom Stock B competition. (In this class of competition, during the 1978 season, Saab has been a winner practically every weekend.)

Each Saab—from the Saab 99 GL to the Saab Turbo—boasts many of the identical performance features that have made Saab famous. This fact is particularly significant to the new car buyer. In today's new car market, the traditional "inexpensive" cars are to be found in approximately the same price range as the Saab 99 GL. The logical question comes immediately to mind, "How much genuine performance will you get for the thousands of dollars a new car costs?"



The Saab 99 GL body construction is one of the best designs in the world. Not only has the body been constructed to save weight where ever possible, and still be exceptionally strong, it has also been designed to protect all passengers within a special "roll-cage".

To help answer that question, here are a number of features that are standard on the Saab 99 GL:

- Front wheel drive.
- Rack and pinion steering.
- Fuel-injected, 2-litre overhead cam engine.
- 4-wheel power-assisted disc brakes.
- Dual diagonal brakes.
- 4-speed manual transmission.
- Radial tires.
- Pivot-mounted coil springs.
- Roll-cage body construction.
- 5 mph self-restoring bumpers.
- Flow through heating/ventilation system.
- Windshield and rear window Defrost/Defog system.
- Orthopedically designed front bucket seats.
- Fully adjustable front seats including tilt and height adjustment for driver's seat.
- Fold down rear seat to provide up to 45.9 cubic feet of cargo space.
- Color coordinated velour interior.
- Thickly padded steering wheel.



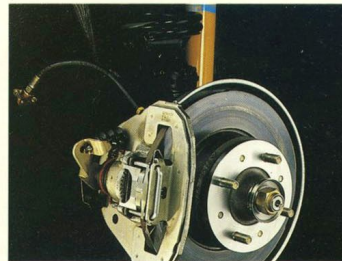
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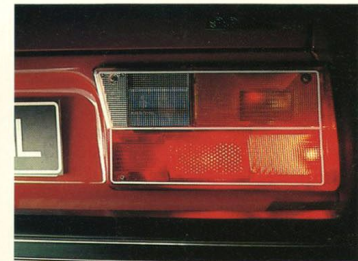
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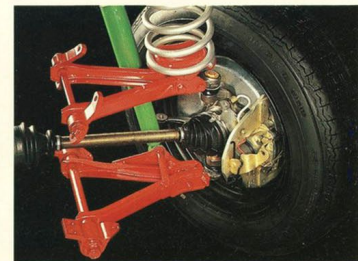
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1. Front wheel drive provides the superior traction needed for all kinds of roads and surfaces; snow, wet highways or sandy country roads. Front wheel drive also eliminates the space consuming hump found in rear drive cars. Thus allowing more leg room and comfort for the rear seat passengers.

2. The Saab 99 GL is powered by a four cylinder 2-litre in-line overhead camshaft engine with a Bosch continuous injection fuel system. A key feature of the Saab engine is its ability to produce high torque over a range of speeds with no sacrifice of performance at higher speeds. This reduces the need to constantly change gears in the lower speeds and permits overtaking even in higher gear.

3. The Saab 99 GL is designed and styled to hold its course under all driving conditions — even in gusty cross winds.

4. The Saab 99 GL has power-assisted disc brakes on all four wheels. The brake system is split diagonally to make sure that the braking effort will be shared by one front and the opposite rear wheel if one circuit should fail.

5. The extra large rear lights make for safer night driving and are clearly visible even from the side.

6. All Saab cars are fitted with bumpers that meet the U.S. Government regulations. The Saab selfrepairing bumpers work this way: On impact at speeds up to five mph, the cellular plastic blocks within the bumper compress to absorb the impact. These blocks then return to their original shape.

7. Pivot-mounted coil springs are used for Saab's front suspension. This system provides excellent road handling and a high degree of occupant comfort.

The 2-door Saab 99 GL.

The Saab 99 GL, a member of one of the world's most respected families of performance cars, offers the high level of Saab performance and personal comfort that will satisfy the most demanding driver. The Saab 99 GL is a Command Performance Car.



1. The thickly padded steering wheel provides the firmest grip possible. The steering wheel padding has an important safety function. Its unique design consists of an impact-absorbing sheet metal core that will prevent injury in case of a collision. The entire padded area can activate the horn.



1.

2. The heating and ventilation system is adjustable to an individual's definition of perfection. Either heated or cool air is circulated throughout the car via twelve outlets.



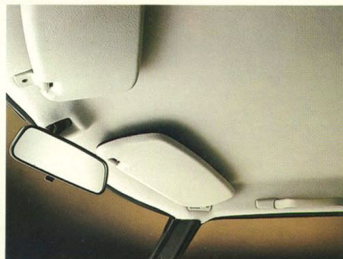
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3. Sitting in the back seat of a Saab, doesn't mean settling for second-rate accommodations. The back seat is exceptionally wide, and there is no intruding wheel housing.



3.

4. In every Saab, there is a thick, separate roof lining of molded fiberglass covered with nylon velour. The lining provides excellent insulation against heat, cold and noise.



4.

5. The front bucket seats of the Saab 99 GL are built with an elastic base, flexible lumbar support and molded padding, and they can be adjusted anatomically to both the size and sitting position of every individual. The seats are movable up to 5.7 inches. The Saab headrest is welded to the backrest and provides special support for the neck.



5.

The driver's seat can also be raised, lowered or tilted. This adjustability is a prime reason why Saab drivers can count themselves as some of the most relaxed, comfortable motorists on the road.

The interior of the Saab 99 GL is done in a fine polyester velour. The fabric is not only attractive, it is very easy to clean and keep clean.

The Interior Environment of the Saab 99 GL. Space Engineered to be Used by Active People for Their Daily Needs.

Throughout its history, Saab has been single-minded in its efforts—both in the engineering and aesthetics—to produce cars that will be used by people living and working in an active, complex world. At Saab, we understand that driving encompasses a complicated interplay of the technical, physical and the psychological. And that the best driver, and the happiest, is the driver who enjoys operating a car while being as comfortable and relaxed as possible. That is why few, if any, cars have had their interior environment engineered so intelligently and precisely as Saab.

The Saab emphasis on driver and passenger needs has resulted in multiple advantages and quite a few original ideas. The sum total of our efforts is that Saab ranks as truly one of the world's most comfortable and pleasurable cars to drive.

To begin with, the interior environment of the Saab 99 GL is engineered to provide spacious comfort for up to

five adults. Quite an accomplishment when one realizes that sensibly compact exterior of the Saab GL!

Automotive Engineering Design; A Key Factor in Why Saab is Such a Comfortable Car.

Front wheel drive, for instance. As mentioned before, front wheel drive eliminates the long drive shaft that forces rear passengers to sit with their legs scrunched up to their chins. Without that space-consuming hump on the floor, passengers—both front and rear—have a great deal more leg room.

There is also the absence of the differential in the rear. Without that, the Saab 99 GL is able to provide a generous trunk space without taking away space from the passengers.

There are a number of other engineering details worth noting. Such as the recessed door sills of the Saab. This permits one to get in and out of a Saab with ease. And there is the fact that the door sills of a Saab are covered by the doors themselves to stay clean of road dirt that could soil clothing as one enters or leaves the car.

The Saab Seats: The Best Example of Saab Dedication to Driver/Passenger Comfort.

The actual seating construction of a Saab truly illustrates our concern with the human aspects of driving; ease of operation of the car, comfort as one drives and safety.

Whether one is driving to an office, railroad station, supermarket or taking a long trip, how one sits in the car must contribute to making that effort a pleasure, not a test of endurance. For in a Saab, there is no trade-off whereby to have a beautifully performing car, one must be uncomfortable.

The selective car buyer asks one vital question: "How much real car am I getting for my money."

We believe that our Saab 99 GL provides a clear, forthright answer. The Saab GL is a unique combination of performance, comfort and sheer driving pleasure that is practically impossible to beat—dollar for dollar—in today's new car market.



Technical Specification Saab 99 GL, 1979.

Engine.

General description. Four-cylinder, liquid-cooled, in-line engine with overhead camshaft. Longitudinally arranged in the engine compartment. Integrated with the clutch, gearbox and differential. The engine block slopes at 45°. The engine block is made of alloy cast iron. The cylinder head is made of light alloy. The crankshaft and camshaft are both mounted in five bearings.

Dimensions and performance. Displacement 121 cu in (1985 cm³). Cylinder bore 3.54 in (90 mm). Piston stroke 3.07 in (78 mm). Compression ratio 9.2:1 (8.7:1, catalyst equipped). Horsepower SAE net 115 hp (85 kW) at 5500 rpm (110 hp, 81 kW, catalyst equipped). Peak torque 123 ft lb (167 Nm) at 3500 rpm (119 ft lb, 161 Nm, catalyst equipped).

Fuel system. Bosch CI mechanical fuel injection. Recommended minimum octane number: Non Catalyst 90 Pump Octane (94 RON)*; Catalyst 87 Pump Octane (91 RON). Fuel tank capacity 14.5 US gals (55 litres).

Electrical system. Battery 12 V/60 Ah. Alternator, max output 790 W, 14 V/55 A. Breakerless, electronic ignition system. Starter motor rating 1.1 hp (0.8 kW).

Cooling system. Of pressurized type. Up-rated cross-flow radiator and separate expansion tank. Liquid capacity 8.5 US quarts (8 litres). Electrically driven, thermostatically controlled fan.

Power transmission.

General description. Manual gearbox. Single disc, dry, heavy duty clutch. Clutch and primary reduction located at the front of the engine. The gearbox and differential are below the engine. Primary chain drive. Two permanently lubricated drive shaft universal joints for each front wheel.

Reduction ratios. Engine/drive shaft. Bottom gear 12.9:1, second gear 7.8:1, third gear 5.2:1, fourth gear 3.8:1, reverse gear 14.2:1. Final drive ratio 3.89:1.

Chassis.

Brakes. Disc brakes all around. Brake pad area 35.3 in² (228 cm²). Total swept area 388 in² (2504 cm²). Diagonally split, dual circuit hydraulic foot brake system, with 9-inch vacuum servo. Self-adjusting foot brake and handbrake. Handbrake acting on the front discs. Outer front brake linings of semi-metallic type.

Wheel suspension, springing. Lateral wishbones and pivot-mounted, progressive-action coil springs at the front. Lightweight, straight and unsplit rear axle, guided by two leading and two trailing arms and a Panhard rod.

Steering. Rack-and-pinion steering. Jointed and telescopic steering column. Turning circle diameter 34.4 feet (10.5 metres).

Wheels and tires. Steel wheels 5J x 15" FHA. Tires 165 SR 15, steel cord.

Dimensions and weights.

Overall length	175 in (4450 mm)	Max. load length, back seat folded	67.6 in (1717 mm)
Overall width	66.5 in (1690 mm)	Trunk capacity, SAE	12.6 cu.ft. (356 litres)
Height, unladen	56.7 in (1440 mm)	Trunk capacity, total, back seat folded	45.9 cu.ft (1300 litres)
Wheelbase	97.4 in (2473 mm)	Curb weight, approx.	2510 lb (1140 kg)
Track, front	55.1 in (1400 mm)	Gross vehicle weight	3550 lb (1610 kg)
Track, rear	56.3 in (1430 mm)		

Equipment.

Effective bumpers, self-repairing after a low-speed collision. Large corner light fittings with direction indicators, parking lights, cornering lights at front. Large brake lights and reversing lights at rear. Hazard warning lights. Automatic headlamp control (headlamps automatically switched off with the ignition). Two-speed windshield wipers. Reflectors on the door edge on the driver's side. Tow lugs front and rear. Anticorrosion priming is applied using the electrodep method.

Safety steering wheel with padded rim and energy-absorbing center pad. Steplessly dimmable, green instrument lighting. Wide range of warning and indicating lamps. Trip meter. Controls with illuminated symbols. Dipping inner rear-view mirror with collapsible mounting. Tough shield below the fascia to protect the knees. Roof lining of molded fiberglass. Clock.

Front seats incorporating lumbar support and integral head restraint. Grab handles above the passenger doors. Fitted carpets. Heating and ventilation system with extra high capacity—12 air outlets. Electrically heated rear window.

Non-dazzle interior lighting. Courtesy light switches in all doors. Map-reading lamp. Glove compartment lighting. Luggage compartment lighting. Variable luggage compartment capacity. Easily accessible spare wheel.

* Premium 94 Pump Octane (97 RON) required for trailer towing, mountainous driving, or other extreme conditions.

■ All specifications and descriptions are subject to alteration without prior notice.

■ A Tourist Delivery Plan is available. Your dealer will supply specific information.

SAAB

Saab-Scania, Saab Car Division
Nyköping, Sweden

Saab-Scania of America Inc., P.O. Box 697, Orange, Conn. 06477