



Saab Sport & Rally

PERFORMANCE PARTS AND ACCESSORIES FOR YOUR SAAB





SAAB SPORT & RALLY

The history of Saab is studded with a long succession of competition victories, and we confidently expect many more in the future. Our active rallying efforts can very well be regarded as an important part of our car testing activities.

In addition to subjecting new items of equipment to an extremely tough test, competition conditions will reveal any weaknesses in standard equipment, and much of the experience gained in racing is transferred directly to the production models.

So whether you are competition driver or are just looking for sporty accessories, you will find a complete range of these items in this brochure.



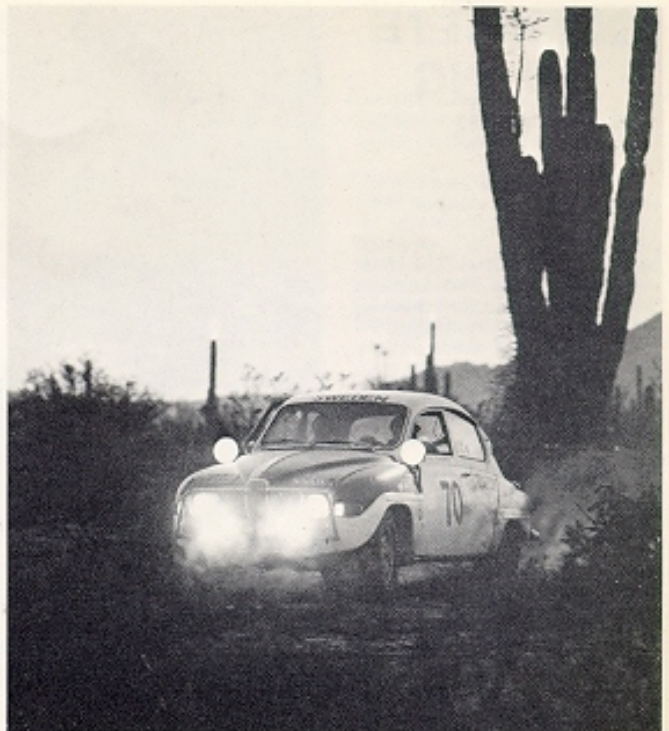
IMPORTANT NOTICE ABOUT THE SALE AND INSTALLATION OF SPORT AND RALLY EQUIPMENT IN THE UNITED STATES OF AMERICA
The installation of Sport and Rally/Competition equipment may violate the Federal Clean Air Act and/or the National and Traffic Motor Vehicle Safety Act, and possibly also state and/or local safety and emissions control laws.

Sport and Rally/Competition equipment sold by Saab-Scania of America Inc. is intended strictly for competition/off road use. Any vehicle which is modified by the installation of Sport and Rally/Competition equipment which adversely affects the vehicle's safety and/or emissions control characteristics may never be used on the public streets or highways.

Without limiting the generality of the foregoing, it must be explained that the slightest change from the standard tune of Saab engines may result in the vehicle no longer complying with applicable emissions control standards.

If a request is received to sell or install any Sport and Rally/Competition equipment, it is the Saab dealer's responsibility to make the customer aware of these restrictions. Should a dealer accommodate a customer's wishes without assuring that the modified vehicle will be used only for off-road/competition activities, the dealer may be subject to penalties under the Clean Air Act and/or the National Traffic and Motor Vehicle Safety Act.





COMPLETE TUNING KITS

1500 cc sports kit for the Saab V4
 Complete tuning kit to raise the engine output from 48 kW (65 hp DIN) to 59 kW (80 hp DIN). The kit includes a dual throat, two-stage carburetor, air cleaner, inlet manifold, camshaft, stiffer valve springs, exhaust system and fitting components. In spite of the uprated engine, the fuel consumption will be only slightly higher.
 11247 Sports kit

1700 cc sports kit for the Saab V4
 The engine displacement is increased to 1700 cc and the output is raised from 48 kW (65 hp DIN) to 66 kW (90 hp DIN). The kit contains the same components as 11247, and in addition:
 15081 4 complete pistons with connecting rods.
 (10)8848269 crankshaft.

1700 cc rally kit for the Saab V4
 Suitable tuning kit for beginners in Special Class rallies. The kit consists of a dual throat, two-stage Weber carburetor, air cleaner, inlet manifold, camshaft, stiffer valve springs, engine mountings, oil pump springs, harder pressure plate and clutch plate, crankshaft, pistons and exhaust system.
 14001 Basic kit

Cylinder head kit, consisting of two machined cylinder heads with larger inlet and exhaust passages and larger valve seats. In addition, stiffer valve springs and retainers are included.
 13995 Cylinder head kit

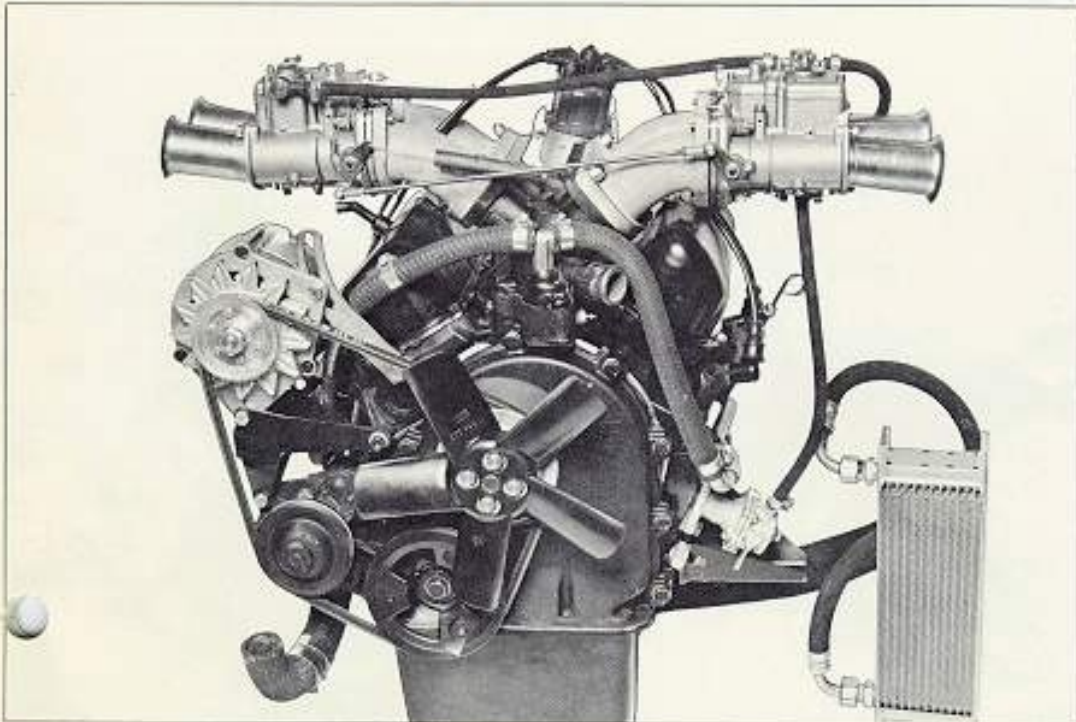
Larger inlet and exhaust valves (10090 and 10108), stiffer valve springs (10116) and valve spring retainers (10876), lighter valve tappets (10132) and collars (8833956).

Sports kit for Saab Sonett III
 Complete tuning kit in two stages. Stage I increases the engine output from 48 kW (65 hp DIN) to 59 kW (80 hp DIN). Stage II increases the output to 66 kW (90 hp DIN).

Stage I:
 13953 Basic kit

Stage II:
 13953 Basic kit
 15081 Piston with connecting rods (4)





ENGINE

Complete competition engines
 Supplied to meet individual requirements. Please ask for a quotation.

Cylinder head for the Saab V4
 13995 Cylinder head kit complete (see rally kit 14001/13995).
 Machined and polished cylinder head with larger flow passages, larger inlet and exhaust valves, stiffer valve springs, and retainers.
 12849 Cylinder head kit complete (single port).

Cylinder head with double exhaust ports, larger exhaust passages, separate valve guides, and modified for larger valves (38 mm dia. exhaust, 44 mm dia. inlet). Increases the output by 9–11 kW (12–15 hp DIN). Delivered individually.
 14225 Cylinder head. Note Two heads are required per engine.

Engine block Saab V4
 Reconditioned engine blocks with new cam- and balancershaft bearings. Bored and honed to 90.5, 91 or 93 mm.
 22905 Cylinder diam., 90.5 mm.
 22913 Cylinder diam., 91 mm.
 22921 Cylinder diam., 93 mm.

Cast pistons for the Saab V4
 Complete with piston rings and connecting rod. Standard diameter or oversize available.
 15081 90 mm diam., 1698 cc
 15099 91 mm diam., 1740 cc

Forged high-compression pistons for the Saab V4
 Including gudgeon pin and piston rings. Made of the highest grade of aluminium. Only oversize pistons available.
 10041 91 mm diam., 1740 cc
 12732 93 mm diam., 1815 cc

Connecting rod for the Saab V4
 Reinforced by polishing and shot-peening.
 13144 Connecting rod

Crankshafts for the Saab V4
 (108848269 Crankshaft
 (Included in the 1700 cc rally kit).

Modified crankshaft for engines developing about 88 kW (120 hp DIN) and above.
 10629 Crankshaft.

Specially hardened by tenifer treatment for increased strength (1700 cc). Should be used in highly tuned competition engines.
 13706 Crankshaft.

Flywheel for the Saab V4
 Made of cast iron. Weight reduced to 5.2 kg to give a livelier engine (standard weight 7.3 kg).
 11692 Flywheel.

Forged steel flywheel. Recommended for high-performance engines with high engine speeds.
 13656 Flywheel
 (108810699 Flywheel ring.

ENGINE

Camshafts for the Saab V4

Available with three alternative cam profiles for various duties.

Lift of 7.2 mm for highway and rally driving.

10074 Camshaft

Lift of 7.6 mm for rally or autocross competitions.

10082 Camshaft

Lift of 8.3 mm for rallycross and track racing.

12765 Camshaft

(10)8810277 Camshaft steel gear.

Inlet and exhaust valves for the Saab V4

Larger valves made of a harder alloy, with chromium-plated stems for reduced wear.

10090 42 mm diam. inlet

10108 37 mm diam. exhaust

11684 44 mm diam. inlet

11676 38 mm diam. exhaust

Valve springs for the Saab V4

Made of a modified chrome-vanadium alloy which is harder than the standard material. For maximum strength.

10116 Valve spring.

Valve spring retainers for the Saab V4

Essential for fitting larger valves. Made of aluminium.

10876 When fitting for the first time

10124 Used when overhauling.

Valve tappets for the Saab V4

Specially designed for high-speed competition engines. Weight 79 g (standard 104 g).

10132 Valve tappets.

Separate valve guides for the Saab V4

11726 Suitable for 42 mm inlet

valve and 37 mm exhaust

15057 Suitable for 44 mm inlet

valve and 38 mm exhaust

13664 Oil seal.

Rocker arm unit for the Saab V4

Provides higher peak engine speed and reduced need for valve clearance adjustment. Reinforced bearing housings and extra retaining bolts.

Note: Two required per engine.

13045 Rocker arm unit.

Cylinder head gaskets for the Saab V4

Complete kits made with reinforced steel edging.

10173 Gasket

11734 Gasket (for "grey engine").

Gasket and seal kits for highly tuned competition engines.

10157 Gasket kit, 91 mm cylinder

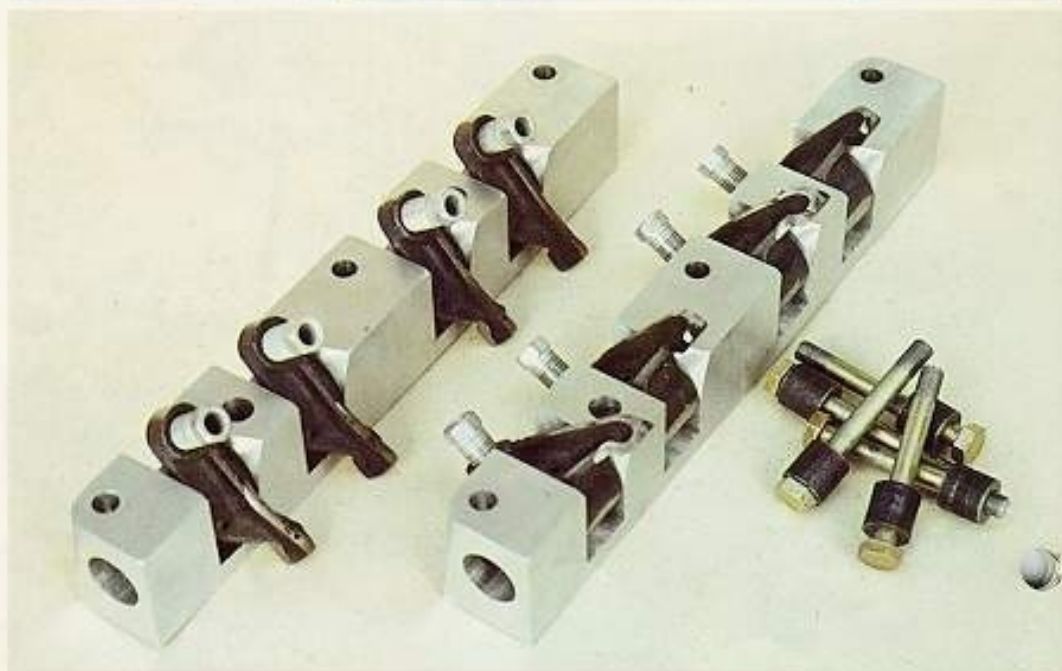
bore

10165 Seal kit, 91 mm cylinder

bore

12740 Seal kit, 93 mm cylinder

bore



FUEL SYSTEM

Carburetor for the Saab V4
 7282512 Solex 32TD1D, dual throat, two-stage (included in sports kit 11247).
 13524 Weber 32-36 DFV, dual throat, two stage (included in rally kit 4001).
 Inlet manifold, air cleaner, controls and fitting components are not included.

Carburetor kit for the Saab V4
 Complete kit consisting of two Weber 45 DCOE-16S dual throat horizontal carburetors, including fitting components.
 13607 Carburetor kit.
 Inlet manifold, air cleaner, controls, ignition distributor and fitting components are not included.

Petrol pump for the Saab V4
 High-capacity type used in conjunction with the fitting of special carburetors to 1972 and earlier model cars.
 8860314 Petrol pump.

Petrol tank for the Saab V4
 Special tank with a capacity of 70 litres (15.4 Imp. gal).
 10350 Tank
 10355 Cover
 10348 Fitting components
 11595 Tank pick-up for fuel gauge.

EXHAUST SYSTEM

Sports system for the Saab V4
 Exhaust system with low resistance to flow. Increases the engine output by 4-5 kW (5-6 hp DIN). Included in sports kit 11247.

Competition system for the Saab V4
 Reinforced sports system. Increases the engine output by 4-5 kW (5-6 hp DIN). Included in rally kit 14001.

Single-port competition system for the Saab V4
 This exhaust system is designed exclusively for competition driving. Provides maximum engine output and is capable of withstanding very rough treatment.

Twin-port competition system for the Saab V4
 54 mm system which is necessary if the cylinder head has twin ports.

Sports system for the Saab 99 2-litre
 Exhaust system with low resistance to flow. Increases the output of a standard carburettor engine by 4-7 kW (6-10 hp DIN).

Competition system Saab 99
 Headers constructed for highest performance.





POWER TRANSMISSION

Clutch for the Saab V4

With reinforced springs in the pressure plate.
 10520 Clutch

Diaphragm spring clutch for the Saab V4

With pressure plate made of aluminium and steel case. Recommended for highly tuned engines.
 13409 Clutch

Clutch plates for the Saab V4

Reinforced clutch plate for use when clutch 10520 is fitted.
 11312 Clutch plate

Clutch plate with hard friction lining and sturdy hub for use in conjunction with clutch 13409.
 13391 Clutch plate

Gear kits, close ratio

The gears are recommended for modifying the gearbox ratios, for optimum utilisation of the engine output.
 10850 Special I, Saab V4
 10868 Special II, Saab V4
 15354 Saab 99

Speedometer gears for the Saab 99

Made of steel for competition boxes.
 21493 Gear
 21505 Gear

Gear shifter for the Saab 99

15784 Reinforced gear shifter.

Gear box house for the Saab V4

Made of cast iron for competition in group II.
 10512 Gear box casing

Final drive for the Saab V4

The overall ratio in all gears is reduced by reducing the final drive ratio, and this is very important for competition driving. All final drive components are specially made of a high-grade steel alloy.
 10488 Daldi 6:35
 10496 Daldi 7:38
 (10)7819972 Dana ENV 7:38
 (10)7836299 7:36 Group I

Final drive for the Saab 99 2-litre

15362 Daldi 6:31
 15537 Spacer ring for final drive

Primary gears

Gives 5% lower ratio than standard.
 22691 Gear
 22809 Shaft
 22817 Intermediate gear.

Differential brakes

Differential brakes are recommended for competition driving and driving on rough roads.
 22533 Diff brake for the Saab V4
 15552 Diff brake for the Saab 99
 15800 Differential house locking for the Saab 99
 15925 Distance ring for pinion.



WHEEL AND SUSPENSION

Springs

Stiffer springs designed specially for competition driving.

- 10579 Front spring for the Saab V4
- 10884 Spring support for the Saab V4. This support is necessary for front spring 10579.
- 21578 Front spring for the Saab 99
- 10587 Rear spring for the Saab V4
- 14647 Rear spring for the Saab 99

Modified wishbones

- 14670 Left-hand lower Saab V4
- 14688 Right-hand lower Saab V4
- 14662 Upper Saab V4
- 21139 right-hand upper Saab 99
- 21147 left-hand upper Saab 99
- 21154 right-hand lower Saab 99
- 21162 left-hand lower Saab 99

Steering spindle housing, Saab V4

Modified and approved competition.

- 15289 Housing

Rear drag link for the Saab V4

This drag link is reinforced.

- 10892 Drag link

Rear axle for the Saab V4

This rear axle is reinforced.

- 10611 Axle

Shock absorbers (Bilstein)

Absorbers of the pressurised gas type and particularly suitable for competition driving.

- 22673 Front, Saab V4
- 22681 Rear, Saab V4
- 22277 Front, Saab 99
- 22285 Rear, Saab 99
- 22947 Shock absorber bracket, rear Saab 99

Set of brake

Pads suitable for extremely hard driving.

- 10561 (Ferodo DS 11) Saab V4
- 22616 (Textar T 268) Saab V4
- 14563 Front, up to and including model 1974, Saab 99
- 14571 Rear, up to and incl. model 1974 and from 1976, Saab 99
- 15735 Front, 1975 and later models, Saab 99
- 15743 Rear, 1975 and 1976 year models, Saab 99

Wheels

Exclusive cast aluminium wheels of the highest quality. Approved for mounting on the Saab.

4 1/2" light alloy wheels, Saab V4

- 16667 Wheel
- 16154 Bolts and centre cap

5" light alloy wheels, Saab 99

- 22319 Wheel (black)
- 17772 Wheel (gold)
- 16170 Bolts and centre cap

5 1/2" light alloy wheels, Saab 99

- 22345 Wheel
- 22483 Centre cap
- 11973 Wheel nut

5 1/2" light alloy wheels for competition, Saab 99

- 22376 Wheels incl. centre cap
- 11973 Wheel nut





EXTRA LIGHTS

Cornering and fog lights

10819 Bosch 180
 12419 Hella 192

Spot lights

10827 Bosch 180
 15883 Bosch 190
 12427 Hella 192
 20065 Bosch 180 Maxi

Mounting brackets for extra lights

Specially designed for competition driving.

10751 Saab V4
 15503 Saab 99

Stays for the extra lights for the Saab V4 and 99

(40)207626003 Hella
 (40)207625005 Bosch.

Rev. counter kit for the Saab V4

Designed to be mounted on the steering wheel column. Easily readable graduation on black background. Adjustable pointer for max. engine speed.

14324 Revolution counter
 12161 Rev. counter bracket.

Rev. counter with a clock for the Saab 99

Transistorised rev. counter combined with an electric clock for fitting in the clock recess of 1971 and later models.

(10)9510281 With black figures
 (10)8513970 With orange figures
 (10)8531170 With orange figures and with a quartz-clock

Map-reading lamp for the Saab V4 and 99

Movable, non-dazzling map-reading lamp with push-button switch.
 22283 Lamp

Map pocket for the Saab V4 and 99

A very useful pocket made of soft plastic for fitting below the dashboard.

10785 Map pocket

Trip meter (kilometre)

Precision instrument with clearly visible figures. Three counters, of which two record tens of metres. Fast resetting and change-over for addition, disengagement and subtraction. Complete with driving cable and T-gear.

10793 Trip meter

Trip meter mounting for the Saab V4

For convenient mounting in the glove compartment.

10801 Trip meter bracket



GUARD PLATES AND BODY AC- CESSORIES

The sump guards are made of 5 mm thick aluminium alloy with reinforcing members of spring steel.

Sump guard for the Saab V4
 13219 Sump guard group I
 13227 Sump guard group II
 10660 Front mounting group I
 10678 Front mounting group II
 10645 Left-hand mounting
 10686 Right-hand mounting

Sump guard for the Saab 99
 15040 Sump guard
 14985 Mountings for models up to 1975 incl.
 14993 Mountings for 1975 and later models.

Tank guard for the Saab 99
 Made of profiled steel
 15297 Up to and incl. model 1974
 15792 1975 and later models.

Modification kit for wheel housings for the Saab V4 and 99
 11833 Saab V4
 14621 Saab 99

Wing extension kit
 10702 Saab V4
 23010 Saab 99

Roll bars for the Saab V4 and 99
 Approved. Of extra sturdy design. Mandatory for international competitions.
 10694 Saab V4
 15214 Saab 99
 10900 Padding for 10694 and 15214 made of black quilted leatherette.

Safety cage
 Compulsory at Rally-Cross
 22152 Saab 99
 22848 Saab V4
 10900 Padding made of black quilted leatherette.

Bonnet strap for the Saab V4
 Made of leather. Used for securing the bonnet in competition events.
 11809 Strap

Rubber strap for the boot lid or bonnet of the Saab V4 and 99
 For locking the boot lid or bonnet in competition events.
 22301 Strap

Spoilers
 Made of black, non-fading plastic. Designed to lower the drag and reduce the petrol consumption. Delivered in complete kits with mounting instructions. Delivered unpainted and without accent stripes.
 21972 Front spoiler for the Saab 99
 16451 Rear spoiler for the Saab 99 CC
 21196 Front spoiler for the Saab 95 and 96
 21600 Rear spoiler for the Saab 99 Sedan





Decals

- 22855 black "Saab"
- 22863 silver "Saab"
- 22871 gold "Saab"
- 11866 White, transparent, "Saab Sport & Rally" 410 mm
- 11882 White, transparent, "Saab Sport & Rally" 530 mm
- 15487 Black, transparent, "Saab Sport & Rally" 410 mm
- 15495 Black, transparent, "Saab Sport & Rally" 530 mm
- 16030 "Team Saab 96"
- 16022 "Team Saab EMS"

Saab 99 and V4 (Front spoiler stripes)

- 16378 black
- 16402 silver
- 16386 gold
- 16394 white

Saab 99 Sedan (Rear spoiler stripes)

- 22111 black
- 22129 silver
- 22137 gold
- 22145 white

Saab 99 Combi Coupé (Rear spoiler stripes)

- 16410 black
- 21964 silver
- 16428 gold
- 16436 white

USEFUL HINTS

The accent stripe has been introduced in order to give you the possibility to make the appearance of your Saab smarter and more personal. It is available in the colours white and black for the Saab V4 and in white, black, gold and silver for the Saab 99. Here are a few examples of how you can match accent stripe-body colour: black car-gold or silver stripe; light-blue car-black, white, golden or silver stripe; dark-blue car-white, silver or golden stripe; red car-white stripe; white car-black stripe; light-brown car-white, black or golden stripe; dark-brown car-golden stripe; light-green car-black, golden or white stripe; dark-green car-white or golden stripe; silver-coloured car-black stripe; yellow car-black stripe.



Saab 96
22103 black (Bonnet and window frames)



Saab 99 3-d Combi Coupé
15149 black
21543 silver
25256 gold
25264 white



Saab 99 2-d Sedan
15321 black
15347 silver
16618 gold
16626 white



Saab V4
20073 black
20081 white

Saab 99 4-d Sedan
22582 black
22590 silver
22608 gold



MISCELLANEOUS EQUIPMENT

Leather-covered steering wheels
 Elegant steering wheel with black-anodized spokes and a thick rim. N.B. The only approved sport steering wheels to be mounted in Saab cars.

12401 Saab 95 and 96
 15305 Saab 99

When mounting a steering wheel in Saab V4 as from 1975 B the following is needed:
 7343825 sliding contact
 7922628 screw

Recaro competition seats for the Saab V4 and 99

Comfortable competition seats of extremely high quality. The seats are built up on a tubular steel frame. The seats are upholstered with corduroy with leatherette trim on the sides and leatherette back. The back-rest of the co-driver's seat is steplessly adjustable in rake down to the horizontal position. The seats are allowed for installation in Saab V4 and Saab 99.

10710 Driver's seat for all models
 14506 Driver's seat for all models
 14779 Co-driver's seat for all models
 11551 Head restraint for seats 10710 and 14506
 15560 Head restraint for set 14779
 10736 Left-hand and right-hand mounting rails for the Saab V4
 14654 Left-hand mounting rails for the Saab 99
 15545 Right-hand mounting rails for the Saab 99

ASS competition seats

Competition seats of high standard with regard to both quality and comfort.

22400 Driver's seat
 22418 Co-driver's seat
 22426 Head restraint for co-driver's seat
 22459 Left-hand mounting rails for the Saab 96
 22574 Right-hand mounting rails for Saab 96
 22434 Left-hand mounting rails for the Saab 99
 22442 Right-hand mounting rails for the Saab 99

Fire extinguisher

Effective, easily handled and reliable fire extinguisher for car, boat, caravan, etc. The 2-kg extinguisher is the only 2-kg extinguisher on the market approved in all fire classes, class ABE II.

115121006 1 kg
 115122004 2 kg





First-aid kit

You never know when you may need it. The pad is soft and light in order not to cause any damages in connection with e.g. sudden retardations. The content is in accordance with the recommendations of the Swedish Social Welfare Board. Sticker for the side window is attached.

115130007

PERSONAL EQUIPMENT

Helmets

The helmets are approved for competition drivers by the Swedish Standards Association, the Swedish Motor Federation and the Swedish Motor Sports Association.

- 20142 Helmet, red (Small)
- 20420 Helmet, red (Medium)
- 20446 Helmet, red (Large)
- 20461 Helmet, blue (Small)
- 20479 Helmet, blue (Medium)
- 20487 Helmet, blue (Large)
- 20503 Visor, black

Safety harness

Four-point racing harness with lap strap and shoulder strap made of black nylon fabric. Adjustable. Quick-release fastener. Complete with mountings.

- 12286 Britax safety harness
- 21683 Klippan safety harness

Summer jacket

Sporty jacket of high quality.

Winter jacket

Polyurethane-covered jacket of dark-blue antigliss nylon. Nice and warm.

- Saab winterjacket.
- Saab winterjacket for children.

Spring/Autumn jacket

- Saab Spring/Autumn jacket
- Saab Spring/Autumn jacket for children

Overall

Non-inflammable overall for competitions

- 21907 Overall, size 48 (small)
- 21915 Overall, size 50 (medium)
- 21923 Overall, size 52 (large)
- 21931 Overall, size 54 (ext. large)

Sport & Rally manual

Comprises the whole of the Sport & Rally assortment with tested details, tuning accessories, tuning instructions and FIA-certificate.

(75)179382