

# SAAB 96

*Five Passenger Sedan*



1963 SAAB . . . built so well that it has a 24,000-mile/24-month written warranty\*

## SAAB ENGINEERING

. . . brings together an economical, efficient two-cycle engine, an aerodynamic, ultrasafe body, the sure-footed traction of front wheel drive, and complete comfort and convenience. This car was built to be better, not different . . . built by one of Europe's leading aircraft manufacturers . . . built for those who enjoy mechanical excellence, technical uniqueness, and extraordinary craftsmanship.

## SAAB SAFETY

. . . provides a practically uncrushable steel airfoil on wheels. Rigid, unitized body shell utilizes 18- 20-gauge steel (thicker than most American cars) throughout. Additional steel members ( $\frac{1}{8}$ " thick) brace the front and rear. A built-in crash bar surrounds the windshield, providing tremendous extra strength where you need it most, making SAAB one of the safest cars you can drive.

## SAAB COMFORT

. . . is hard to match at any price. Aerodynamic sleekness plus full major body panel and firewall insulation virtually eliminate noise. High capacity heating and ventilating system delivers all-season comfort, keeps all windows fog-free. Front wheel drive, requiring no drive-shaft, makes all floor space flat and usable, permits quick conversion of interior to a bedroom big enough for two.

## SAAB PERFORMANCE

. . . proved by rally victories around the world. The quiet 2-cycle, 3-cylinder valveless engine makes every stroke a power stroke, cruises with gas turbine-like efficiency in the 70's—yet delivers 30 to 35 miles per gallon. The sure and steady traction of front wheel drive minimizes skidding, optimizes over-all stability by pulling the rest of the car firmly around curves and corners, over mud and snow.

\* Engine, transmission, and differential have a written warranty for 2 years or 24,000 miles.



## Specifications

**ENGINE:** Three-cylinder, two-stroke, water-cooled. Bore 2.75 in. Stroke 2.85 in. Displacement 52 cu. in. Compression ratio 7.3:1. Output 42 SAE hp at 5,000 rpm. Torque 61 lb-ft SAE at 2,800 rpm.

**COOLING SYSTEM:** Water-cooled. Circulation pump, fan, thermostat. Cap. of system including heater, about 8 qt.

**FUEL SYSTEM:** Electric pump. Solex 40 AI down-draft carburetor. Tank capacity about 10½ U.S. gallons.

**LUBRICATION:** Addition of 3% oil to fuel.

**POWER TRAIN:** Engine, clutch, gearbox, and differential are assembled as a unit, mounted between driving wheels. Front wheel drive. Free-wheeling.

**CLUTCH:** Single dry-disk, cushion-center (Saxomat clutch optional).

**GEARBOX:** Three speeds forward, one reverse (4-speed forward gearbox also available). Second and third and fourth speeds synchronized. Over-all gearing ratios (engine to wheels): 1st speed, 16.67; 2d speed, 8.53; 3rd speed, 5.11; reverse, 21.01. Shift lever on steering column.

**DIFFERENTIAL:** Axle ratio, 5.43. Gearbox and differential (same housing) take about 1.5 qts. of oil.

At an engine speed of 1,000 rpm in top gear with wheel radius of 11.9 in. road speed is 13.9 mph.

**BRAKES:** Lockheed hydraulic foot brakes. Lining: 9" x 1¾" front, 8" x 1½" rear. Total area 105 sq. in. Mechanical hand brake, acting on rear wheels.

**STEERING:** Rack-and-pinion. Mean over-all reduction, 14:1. 2¼ turns of steering wheel from left lock to right lock.

**SUSPENSION:** Coil springs all wheels. Independent front wheel suspension with wishbones. U-shape rigid rear axle. Strut-type hydraulic shock absorbers on all wheels.

**WHEELS AND TIRES:** Wide base artillery (disc) wheels, 4Jx15". Tubeless tires, 5.00—5.20x15".

**ELECTRICAL SYSTEM:** 12-volt, 33 amp hr battery. 0.5 hp starting motor. 240 watt generator. Automatic spark control. Theft-proof ignition lock. Extra-sturdy armored cable from ignition lock to ignition coil. 12 8-amp fuses.

**BODY-FRAME UNIT:** Unit construction. Two doors. Full belly pan. Rustproofing and undercoating applied at factory. Seats five. Bench-type rear seat, adjustable height. Front foam bucket seats individually adjustable; hinged backs also adjustable (seven positions). The back of the right front seat has a latch to prevent forward fold on quick stops. Trunk at rear; cap. 13 cu. ft.

### DIMENSIONS:

Over-all length (including bumpers).....	158 in.
Over-all width.....	62 in.
Over-all height (empty).....	58 in.
Road clearance	
(two passengers in front).....	7.5 in.
Track, front and rear.....	48 in.
Wheelbase.....	98 in.
Turning radius.....	18 ft.

**WEIGHTS:** Curb weight (including fuel, water, tools, spare wheel): approx. 1790 lb., 58 per cent of curb weight is on front wheels.

Numerical values for dimensions and other quantities are rounded off in converting from metric values.

Svenska Aeroplan Aktiebolaget (Saab Aircraft Company) reserves the right to change above specifications at any time and without notice.

## STANDARD EQUIPMENT

includes  
everything but a radio!

SEALED BEAM HEADLIGHTS

SELF-CANCELLING DIRECTION SIGNALS

DUAL WINDSHIELD WIPERS

TWIN PADDED SUN VISORS

WINDSHIELD WASHERS • ADJUSTABLE ARM RESTS

ASHTRAYS ON INSTRUMENT PANEL  
AND AT REAR SEAT

SPACE FOR RADIO

GLOVE COMPARTMENT WITH LOCK • DUAL HORNS

HEATER-VENTILATOR-DEFROSTER  
PLASTIC HEADLINER

UNDERCOATING • FOAM RUBBER UPHOLSTERY

ADJUSTABLE-BACK LOUNGE SEATS (7 POSITIONS)

SEAT BELT FITTINGS • SAFETY PADDED DASH BOARD

SPARE WHEEL WITH TIRE, JACK, TOOL KIT

RIBBON-TYPE SPEEDOMETER

TEMPERATURE GAUGE • FUEL GAUGE

FUEL WARNING LIGHT • AMMETER • CLOCK

DIRECTIONAL SIGNAL INDICATOR LIGHTS

HEADLIGHT HIGH BEAM INDICATOR

COURTESY LIGHTS

