

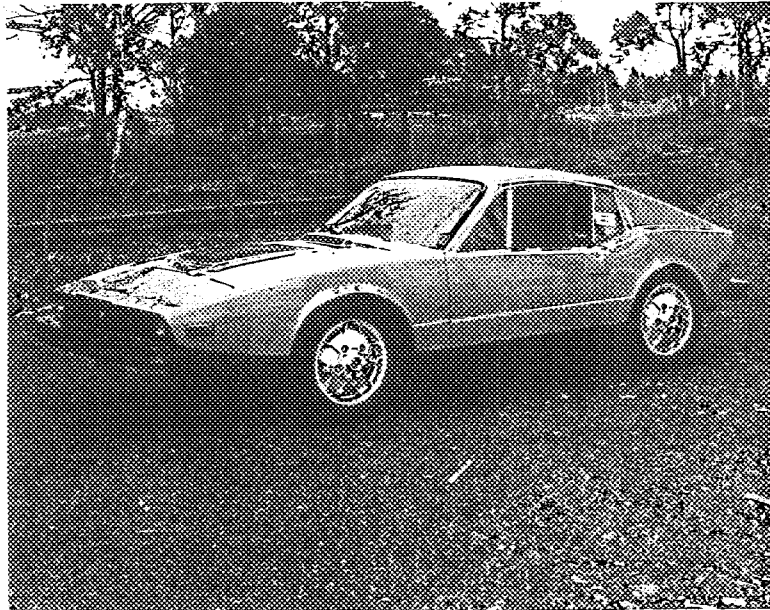
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Form of recognition in accordance with
Appendix J to the International Sporting
Code.

Manufacturer SAAB-SCANIA AKTIEBOLAG Cylinder capacity 1698 cm³ 103.6 in³
Model.....SONETT III.....
Serial No of chassis 97735000401-.. Manufacturer.....ASJ-ARLÖV.....
engine.....101-.. Manufacturer.....FORD MOTOR CO.....
Recognition is valid from...1..11..73.... List.....

The manufacturing of the model described in this recognition form was
started on..1/6...19.72 and the minimum production of..1000..identical cars
in accordance with the specifications of this form was reached on..30.11.19..72

Photograph A, 3/4 view of car from front



The vehicle described in this form has been subject to the following
amendments:

Variants

Normal evolution of the type

on.....19...rec.No.....List..... on.....19...rec.No.....List.....
on.....19...rec.No.....List..... on.....19...rec.No.....List.....
on.....19...rec.No.....List..... on.....19...rec.No.....List.....
on.....19...rec.No.....List..... on.....19...rec.No.....List.....
on.....19...rec.No.....List..... on.....19...rec.No.....List.....

Stamp and signature of the
National Sporting Authority:

Stamp and signature of the F.I.A.:

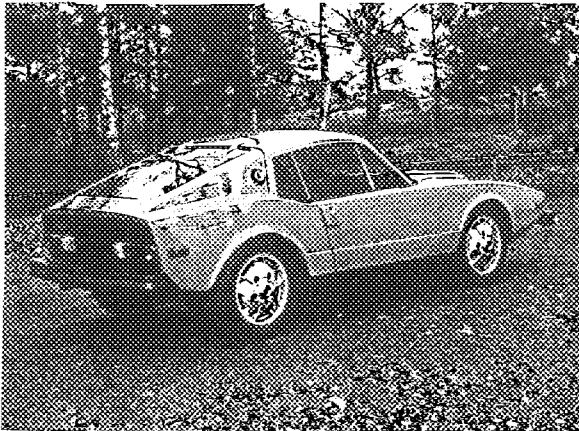
SVENSKA BILSPORTFÖRBUNDET

THE SWEDISH AUTOMOBILESPORT FEDERATION

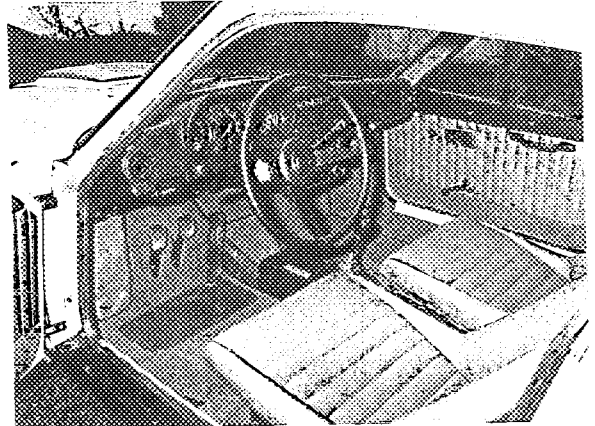
M. Melster

[Signature]

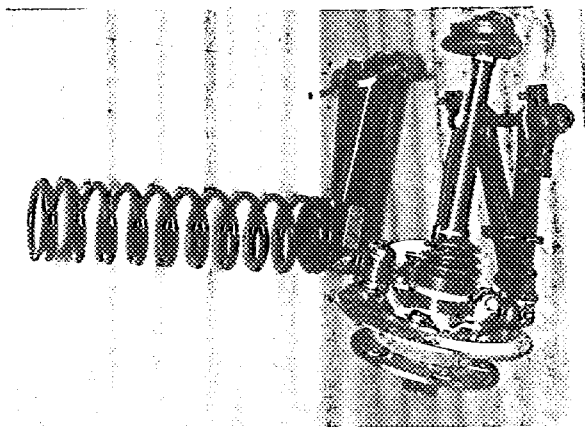
Photograph B



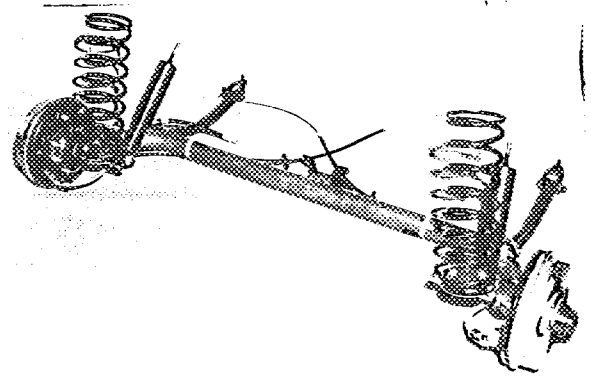
Photograph C



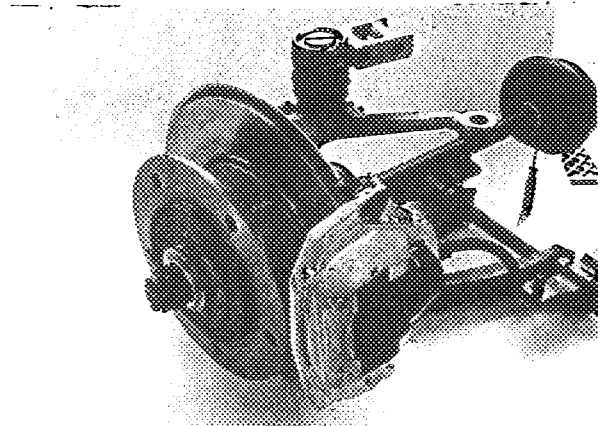
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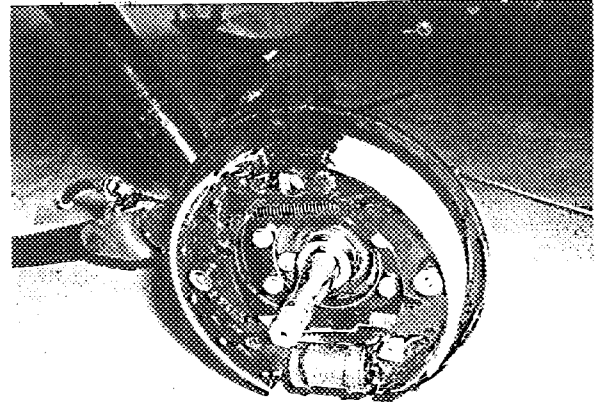
Photograph E



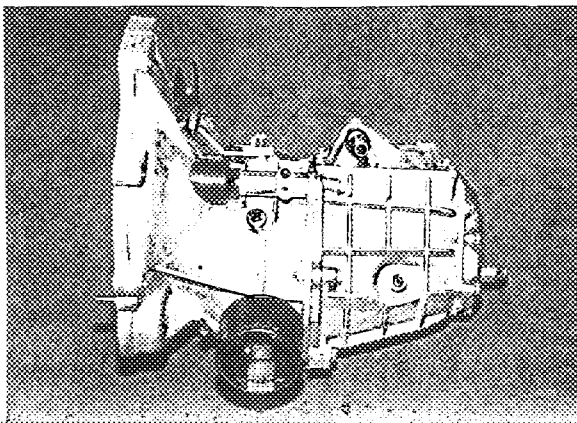
Photograph F



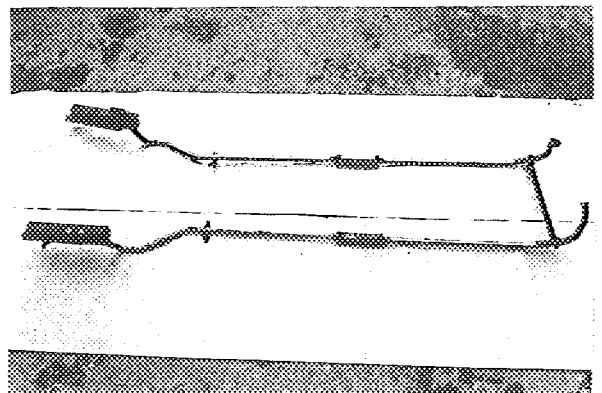
Photograph G



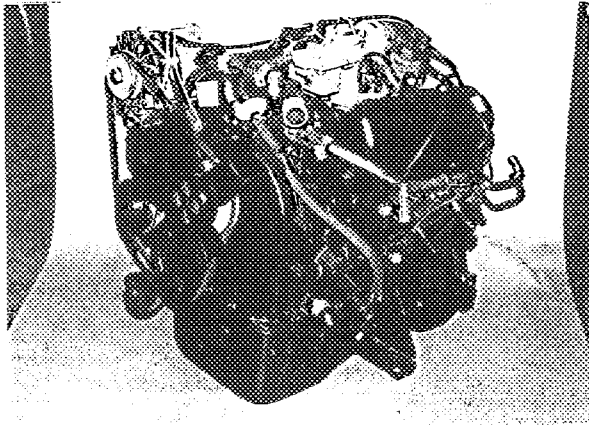
Photograph H



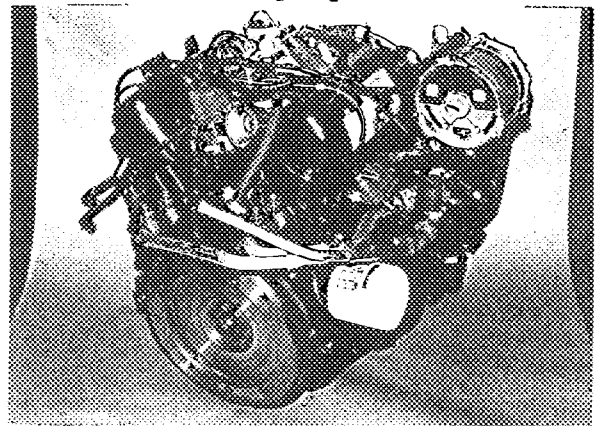
Photograph I



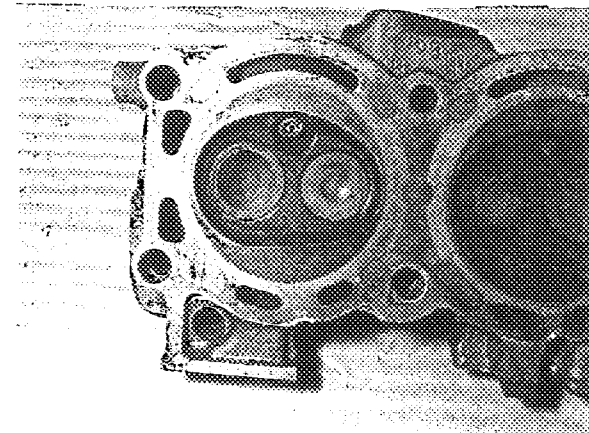
Photograph J



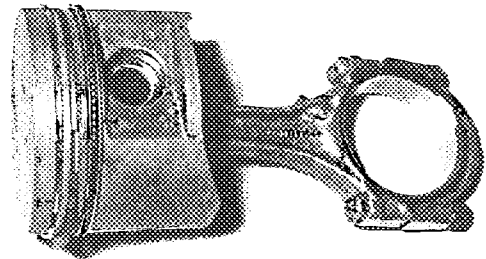
Photograph K



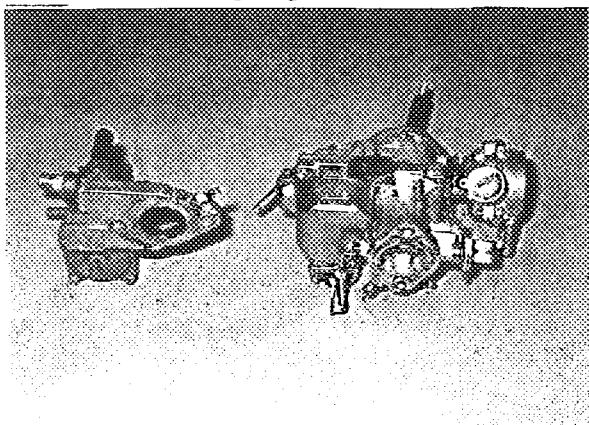
Photograph L



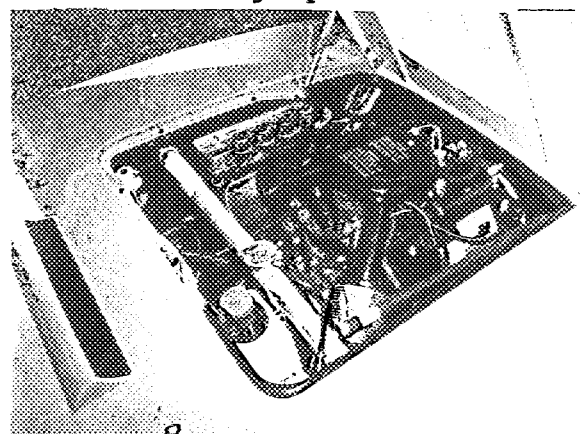
Photograph M



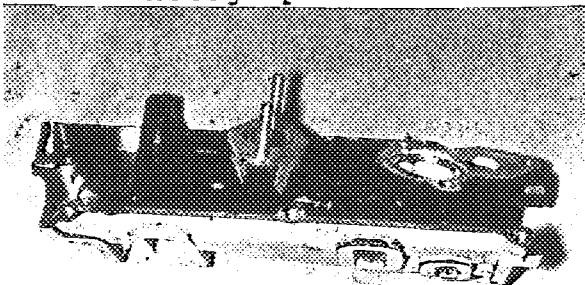
Photograph N



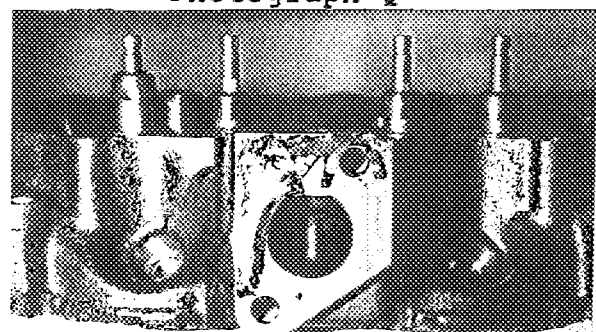
Photograph O



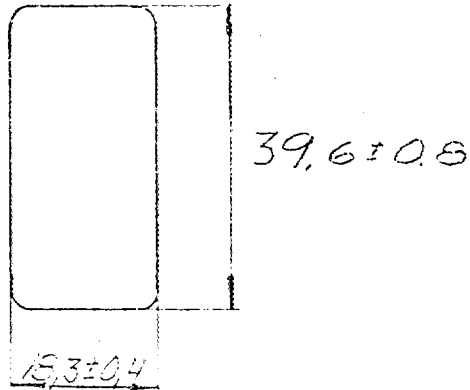
Photograph P



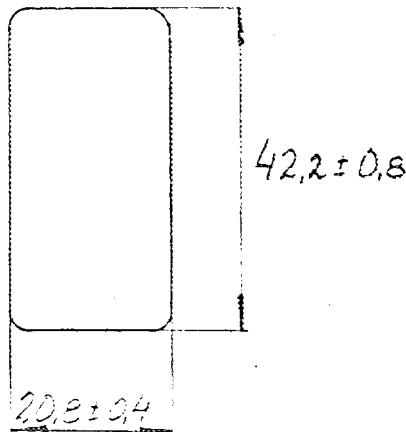
Photograph Q



Drawing inlet manifold ports, side of cylinder-head. Indicate scale or dimensions and manufacturing tolerance.



Drawing of entrance to inlet port of cylinder-head. Indicate scale or dimensions and manufacturing tolerance.



Drawing exhaust manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



Drawing of exit to exhaust port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.

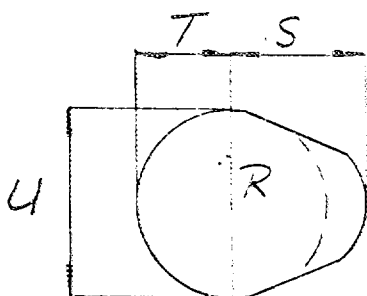
R = center of camshaft

Inlet cam

S = 20,3	mm	0,799	inches
T = 13,9	mm	0,547	inches
U = 27,8	mm	1,093	inches

Exhaust cam

S = 20,3	mm	0,799	inches
T = 13,9	mm	0,547	inches
U = 27,8	mm	1,093	inches



Make...SAAB....

Model...SONETT III.....

F.I.A. Rec.No.....

IMPORTANT - the underlined items must be stated in two measuring systems, one of which must be the metric system. See conversion table hereafter.

CAPACITIES AND DIMENSIONS

- 1. Wheelbase 2149 mm 84.61 inches
- 2. Front track 1233 mm 48.54 inches X
- 3. Rear track 1233 mm 48.54 inches X
- 4. Overall length of the car 406 cm inches
- 5. Overall width of the car 150 cm inches
- 6. Overall height of the car 117 cm inches
- 7. Capacity of fuel tank (reserve included) 55 ltrs
14.5 Gallon US 12.1 Gallon Imp.
- 8. Seating capacity 2
- 9. Weight, total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools:
725 kg 1598 lbs cwt
- 10. Overall width through the axle of the wheels cm inches
Front 148.5 cm inches
Rear 145 cm inches

X Differences in track caused by the use of other wheels with different rim widths must be stated when recognition is requested for the wheels concerned. Specify ground clearance in relation to the track and give drawing of two easily recognizable points at front and rear at which measurements are taken. These ground clearance dimensions are only for information when checking the track and can in no way affect the eligibility of the car.

CONVERSION TABLE

1 inch/pouce	- 2.54	cm	1 quart US	- 0.9464	ltrs
1 foot/pied	- 30.4794	cm	1 pint (pt)	- 0.568	ltrs
1 square inch/pouce carré	- 6.452	cm ²	1 gallon Imp.	- 4.546	ltrs
1 cubic inch/pouce cube	- 16.387	cm ³	1 gallon US	- 3.785	ltrs
1 pound/livre (lb)	- 453.593	gr	1 hundred weight (cwt)	- 50.802	kg

SUSPENSION

- 70. Front suspension (photograph D), type independent
- 71. Type of spring Coil spring
- 72. Stabiliser (if fitted)
- 73. Number of shockabsorbers 2
- 74. Type Telescopic
- 78. Rear suspension (photograph E), type U-shaped rigid back axle
- 79. Type of spring Coil spring
- 80. Stabiliser (if fitted)
- 81. Number of shockabsorbers 2
- 82. Type Telescopic

BRAKES (Photographs F and G)

- 90. Method of operation Hydraulic system (2 separate systems)
- 91. Servo-assistance (if fitted), type -
- 92. Number of hydraulic master cylinders 1 tandem type

	FRONT		REAR	
93. Number of cylinders per wheel	1		1	
94. Bore of wheel cylinder(s)	50,8	mm in.	15,9	mm in.
Drum brakes				
95. Inside diameter		mm in.	203	mm in.
96. Length of brake linings		mm in.	196	mm in.
97. Width of brake linings		mm in.	37	mm in.
98. Number of shoes per brake			2	
99. Total area per brake		mm ² sq.in.	14500	mm ² sq.in.
Disc brakes				
100. Outside diameter	267	mm in.		mm in.
101. Thickness of disc	9,6	mm in.		mm in.
102. Length of brake linings	93	mm in.		mm in.
103. Width of brake linings	42	mm in.		mm in.
104. Number of pads per brake	2			
105. Total area per brake	6500	mm ² sq.in.		mm ² sq.in.

ENGINE (Photographs J and K)

- 130. Cycle Four stroke
- 131. Number of cylinders 4
- 132. Cylinder arrangement V-form
- 133. Bore 90 mm 3.54 in.
- 134. Stroke 66.8 mm 2.63 in
- 135. Capacity per cylinder 425 cm³ 25.9 cu.in
- 136. Total cylinder capacity 1698 cm³ 103.6 cu.in
- 137. Material(s) of cylinder block Cast iron
- 138. Material(s) of sleeves (if fitted) -
- 139. Cylinder head, material(s) Cast iron Number fitted 2
- 140. Number of inlet ports 4
- 141. Number of exhaust ports 2
- 142. Compression ratio 8.0:1
- 143. a) Volume of one combustion chamber 63.4 - 64.9 cm³ cu.in
- b) Volume of one combustion space in the cylinder head
38.72 - 40.22 cm³ cu.in
- c) Thickness of head gasket when compressed 1.3 mm in
- 144. Piston, material Aluminium alloy
- 145. Number of rings 3
- 146. Distance from gudgeon pin centre line to highest point of piston crown 39.0 mm in
- 147. Crankshaft: moulded/stamped
Material: High nodular cast iron
- 148. Type of crankshaft: integral /cast with balance weights
- 149. Number of crankshaft main bearings 3
- 150. Material of bearing cap Cast iron
- 151. System of lubrication: dry sump/oil in sump
- 152. Capacity, lubricant 3.3 ltrs pts quarts US
- 153. Oil cooler: yes/no
- 154. Method of engine cooling Water cooling
- 155. Capacity of cooling system 7.2 ltrs pts quarts US
- 156. Cooling fan (if fitted), dia 31.2 cm in
- 157. Number of blades of cooling fan 5
- Bearings
- 158. Crankshaft main, type Shell bearing dia. 57 mm in
- 159. Connecting rod, big end, type Shell bearing dia. 54 mm in
- Weights
- 160. Flywheel (clean) 7.2 kgs lbs
- 161. Flywheel with clutch (all turning parts) 10.9 kgs lbs
- 162. Crankshaft 10.4 kgs lbs
- 163. Connecting rod with bearing cap, bolts and bearings 0.53 kgs lbs
- 164. Piston with gudgeon-pin and piston-rings 1.14 kgs lbs

FOUR STROKE ENGINES

- 170. Number of camshafts 1
- 171. Location In V-center
- 172. Type of camshaft drive Gear
- 173. Type of valve operation Push rod
INLET (see page 4) X
- 180. Material(s) of inlet manifold Aluminium alloy
- 181. Diameter of valves 37.4 mm 1.472 inches
- 182. Max. valve lift 9.77 mm 0.385 in.
- 183. Number of valve springs 1
- 184. Type of spring Coil spring
- 185. Number of valves/cyl. 1
- 186. Tappet clearance for checking timing (cold) 0.40-0.45 mm inches
- 187. Valves open at (with tolerance for tappet clearance indicated) 21° BTDC
- 188. Valves close at (with tolerance for tappet clearance indicated) 82° ABDC
- 189. Air filter, type Dry filter cartridge
EXHAUST (see page 4)
- 195. Material(s) of exhaust manifold Integral with head
- 196. Diameter of valves 32.3 mm 1.272 inches
- 197. Max. valve lift 9.77 mm 0.385 in.
- 198. Number of valve springs 1
- 199. Type of spring Coil spring
- 200. Number of valves/cyl. 1
- 201. Tappet clearance for checking timing (cold) 0.40-0.45 mm inches
- 202. Valves open at (with tolerance for tappet clearance indicated) 63° BBDC
- 203. Valves close at (with tolerance for tappet clearance indicated) 40° ATDC
- 204. Dimensions of the exhaust port at the exit of the exhaust manifold
31.5 mm inches

CARBURETION (photograph N)

- 210. Number of carburettors fitted 1
- 211. Type Downdraught
- 212. Make Autolite
- 213. Model 72 TW-9510-KEA
- 214. Number of mixture passages per carburettor 1
- 215. Flange hole diameter of exit port(s) of carburettor 32 mm inches
- 216. Minimum diameter of venturi/minimum diameter with piston at max. height 25.5 mm inches

INJECTION (if fitted)

- 220. Make of pump
- 221. Number of plungers
- 222. Model or type of pump
- 223. Total number of injectors
- 224. Location of injectors
- 225. Minimum diameter of inlet pipe mm inches

X For additional information concerning two-stroke engine and super-charged engines see page 13.

Make..... SAAB

Model..... SONETT III

F.I.A. Rec.No.....

ENGINE ACCESSORIES

230. Fuel pump: mechanical and/or electric 231. Number fitted 1
232. Type of ignition system coil distributor 233. Number of distributors 1
234. Number of ignition coils 1 235. Number of spark plugs per cylinder 1
236. Generator, type: dynamo/alternator. - Number fitted 1
237. Method of drive V-belt
238. Voltage of generator 12 volt 239. Battery, number fitted 1
240. Location Luggage compartment
241. Voltage of battery 12 volts

ENGINE AND CAR PERFORMANCES (as declared by manufacturer in catalogue)

250. Max. engine output 65 (type of horsepower: Din) at 4700 rpm
251. Max. rpm 5800 output at that figure
252. Max. torque 11,7 at 2500 rpm
253. Max. speed of the car 165 km/hour 103 miles/hour

Make..... SAAB

Model..... SONETT III

F.I.A. Rec.No.....

DRIVE TRAIN

Clutch

- 260. Type of clutch Dry plate
- 261. Number of plates 1
- 262. Dia. of clutch plates 19,0 cm inches
- 263. Dia. of linings, inside 12,5 cm inches outside 19 cm inches
- 264. Method of operating clutch Hydraulic

Gear Box (photograph H)

- 270. Manual type, make SAAB-SCANIA
- 271. Number of gear box ratios forward 4
- 272. Synchronized forward ratios
- 273. Location of gear shift on floor
- 274. Automatic, make type
- 275. Number of forward ratios
- 276. Location of gear shift

277.	Manual		Automatic		Alternative manual/automatic			
	Ratio	No teeth	Ratio	No teeth	Ratio	No teeth	Ratio	No teeth
1	3,48	35-27-31-21-40-22			3,14	35-27-31-21-41-25		
2	2,09	31-37-27-40-22			1,86	34-37-30-41-25		
3	1,30	35-27			1,30	35-27		
4	0,84	31-37			0,92	34-37		
5								
6		35-20-40-22				35-20-41-25		
reverse	3,18				2,87			

- 278. Overdrive, type
- 279. Forward gears on which overdrive can be selected
- 280. Overdrive ratio

Final Drive

- 290. Type of final drive Bevel gear (Pinion-crown wheel)
- 291. Type of differential Differential Bevel gear
- 292. Type of limited slip differential (if fitted)
- 293. Final drive ratio 4,67 5,14
- Number of teeth 9:42 7:36

Make.....
SPAB

Model.....
SONENT III

F.I.A. Rec.No.....

Combustion chamber (se art. 143)

Reboring dimensions:

Cylinderdimension 90.34 mm

Pistondimension 90.30 mm

Cylindervolume at 0.3 mm reboring = 1712 cm³

Optional equipment affecting preceeding information. This to be stated together with reference number.

ALTERNATIVE PRODUCTION CARBURETTORS

210. Number of carburettors fitted: 1

211. Type: Downdraught

212. Make: Autolite

213. Model: 70 TW-9510-AA 71 TW-9510-LA 72 TF-9510-KEA

214. Number of mixture passages per carburettor: 1

215. Flange hole diameter of exit port (s) of carburettor: 32 mm

216. Minimum diameter of venturi/minimum diameter with piston at max height: 25.5 mm

Make..... SAAB

Model..... SONETT III

F.I.A. Rec.No.....

TWO STROKE ENGINES

- 300. System of cylinder scavenging
- 301. Type of lubrication
- 302. Inlet ports, length measured around cylinder wall mm inches
- 303. Height inlet port mm in. 304. Area mm² sq.in.
- 305. Exhaust ports, length measured around cylinder wall mm inches
- 306. Height exhaust port mm in. 307. Area mm² sq.in.
- 308. Transfer port, length measured around cylinder wall mm inches
- 309. Height transfer port mm in. 310. Area mm² sq.in.
- 311. Piston ports, length measured around piston mm inches
- 312. Height piston port mm in. 313. Area mm² sq.in.
- 314. Method of precompression 315. Precompression cyl.: yes -
- 316. Bore mm in. 317. Stroke mm inches
- 318. Distance from top of cyl. block to highest point of exhaust port:
mm inches
- 319. Distance from top of cyl.block to lowest point of inlet port:
mm inches
- 320. Distance from top of cyl.block to highest point of transfer port:
mm inches
- 321. Drawing of cylinder ports

330. Supercharging - state full details hereafter

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Form of recognition (extension) in accordance with
Appendix J to the International Sporting Code.

Manufacturer SAAB-SCANIA AKTIEBOLAG Model SAAB SONETT III
 Serial No. inaugurating this extension Chassis
 Manufacturing date of the first vehicle constructed with the modifications Engine
 Commercial denomination of modified model 1.6.1972
 SAAB SONETT
 This extension of recognition is considered: variation - normal
 development of original
 vehicle type
 Recognition is valid from 1 11 73 List

Description of modifications:

VALID IN GROUP 4 ONLY

CLUTCH DIAPHRAGM TYPE

"valable en Groupe 4 uniquement"

"valid for Group 4 only"

No 1339
(881335)

Diameter of clutch plates 202 mm
 Diameter of linings inside 130 mm
 Diameter of linings outside 200 mm

CONNECTING ROD

No 1314

Polished and shot peened
 Weight including bearing cap,
 bolts and bearings 550 gr

CRANKSHAFT

No 1370

Moulded Type Cast with balance weights
 Number of main bearings 3
 Surface treatment Teniffer treated
 Stroke 66,8 mm
 Main bearing diameter 57,0 mm
 Connecting rod, big end bearing dia. 54,0 mm
 Weight 11,3 kgs + 0,7
 - 0,3

Signature and stamp of the
National Sporting Authority:

Signature and stamp of the F.I.A.:

SVENSKA BILSPORTFÖRBUNDET
 THE SWEDISH AUTOMOBILE-SPORT FEDERATION



FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Form of recognition (extension) in accordance with Appendix J to the international Sporting Code.

Manufacturer	SAAB-SCANIA AKTIEBOLAG	Model	SAAB SONETT III
Serial No. inaugurating this extension		Chassis	
Manufacturing date of the first vehicle constructed with the modifications		Engine	1.6.1972
Commercial denomination of modified model			SAAB SONETT
This extension of recognition is considered:		variation - normal development of original vehicle type	
Recognition is valid from	1.11.73	List	

Description of modifications:

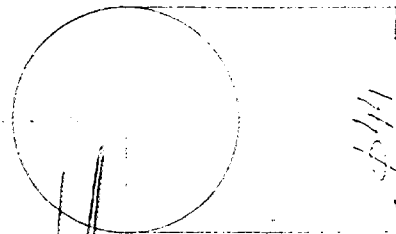
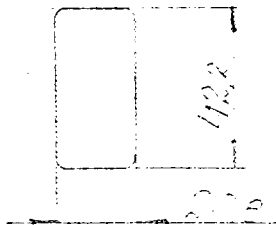
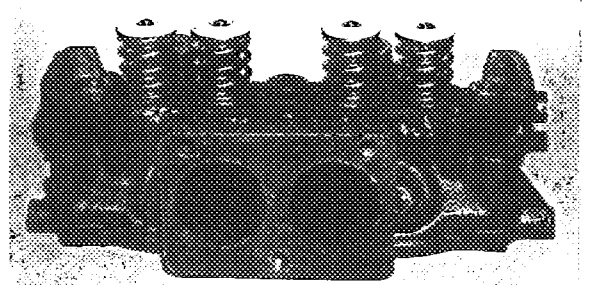
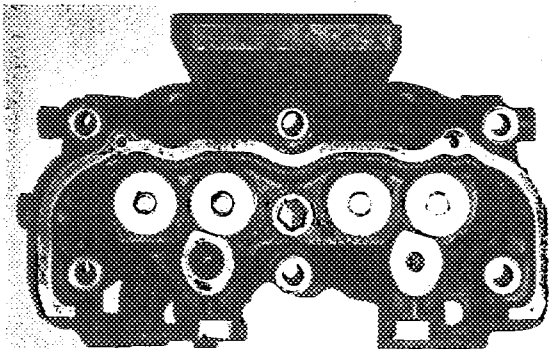
VALID IN GROUP 4 ONLY

"valable en Groupe 4 uniquement"
"valid for Group 4 only"

CYLINDER HEAD

No 1422

Material	Cast iron
Number of inlet ports	2
Number of exhaust ports	2
Compression ratio	9:1
Volume of one combustion chamber	40,22 - 38,22 cm ³



Signature and stamp of the National Sporting Authority:

Signature and stamp of the F.I.A.:

SVENSKA BILSPORTFÖRBUNDET
THE SWEDISH AUTOMOBILSPORT FEDERATION

M. Mebler

FEDERATION INTERNATIONALE DE L'AUTOMOBILE
Form of recognition (extension) in accordance with
Appendix J to the International Sporting Code.

Manufacturer	SAAB-SCANIA AKTIEBOLAG	Model	SAAB SONETT III
Serial No. inaugurating this extension		Chassis	
Manufacturing date of the first vehicle constructed with the modifications		Engine	1.6.1972 SAAB SONETT
Commercial denomination of modified model			
This extension of recognition is considered:		variation - normal development of original vehicle type	
Recognition is valid from	1-11-73	List	

Description of modifications:

VALID IN GROUP 4 ONLY

"valable en Groupe 4 uniquement"
"valid for Group 4 only"

FLY WHEEL

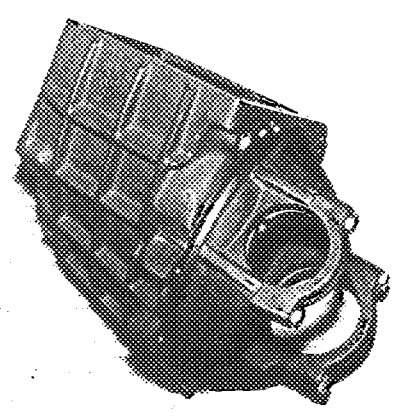
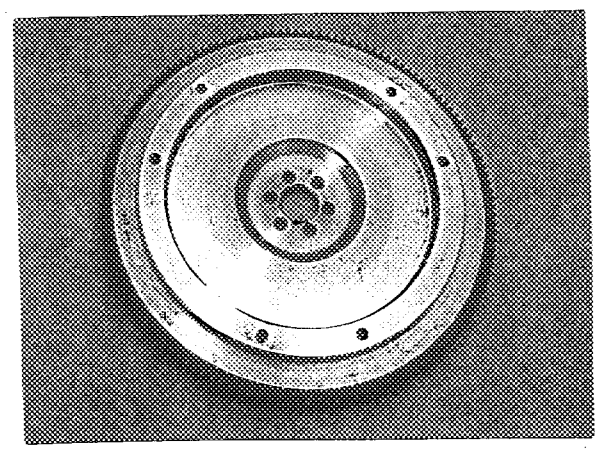
No 1283

Material	Steel BSEN 47
Weight	7,5 kgs
Diameter	277,4 mm

STRENGTHENED GEAR BOX HOUSING

No 1051
(880923)

Material	Cast iron
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Signature and stamp of the
National Sporting Authority:
SVENSKA BILSPORTFÖRBUNDET
THE SWEDISH AUTOMOBILE-SPORT FEDERATION
M. Melblom

Signature and stamp of the F.I.A.:
[Signature]