

del FIA 30/1-68

F.I.A. Recognition N° 598  
Group 3 - Grand Touring

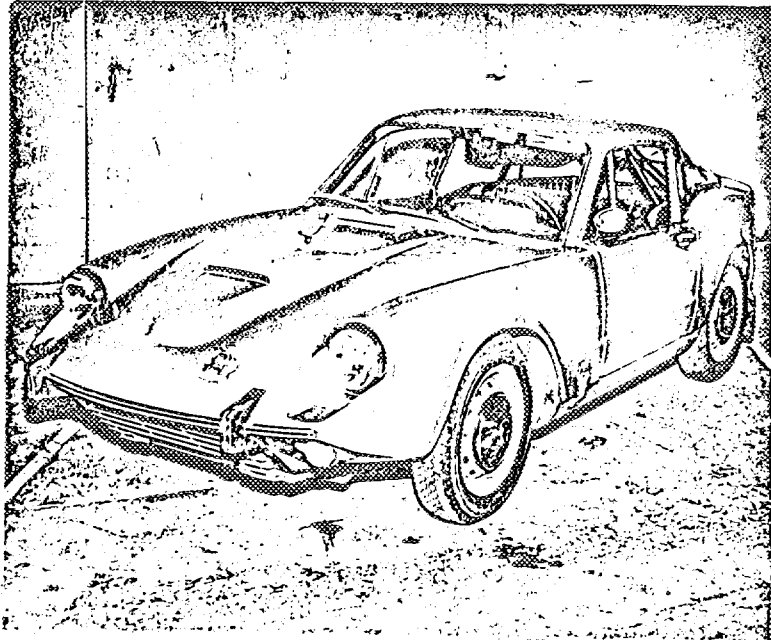
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

Manufacturer... SAAB AKTIEBOLAG ..... Cylinder capacity... 1498 cm<sup>3</sup>... 91.4 in<sup>3</sup>  
Model... Sonett V4  
Serial N° of chassis... 259 ..... Manufacturer... ASJ Arlov  
engine... 101 ..... Manufacturer... Ford Motor Company  
Recognition is valid from... 1st May 1968 ... List 1968/6

The manufacturing of the model described in this recognition form was started on 5/4.. 19.67 and the minimum production of 500. identical cars, in accordance with the specifications of this form was reached on 1/3.. 19.68.

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

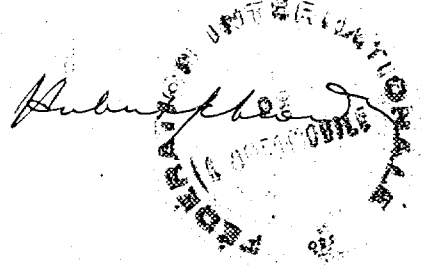
on.....19...rec.N° .....List.....on.....19...rec.N° .....List.....  
on.....19...rec.N° .....List.....on.....19...rec.N° .....List.....  
on.....19...rec.N° .....List.....on.....19...rec.N° .....List.....  
on.....19...rec.N° .....List.....on.....19...rec.N° .....List.....  
on.....19...rec.N° .....List.....on.....19...rec.N° .....List.....

Stamp and signature of the  
National Sporting Authority:

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



*[Handwritten signature]*



Make

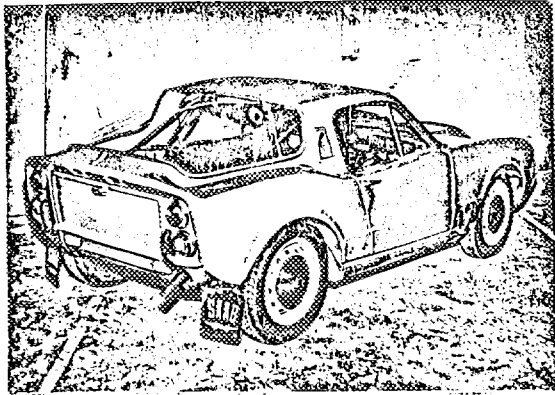
SAAB

Model

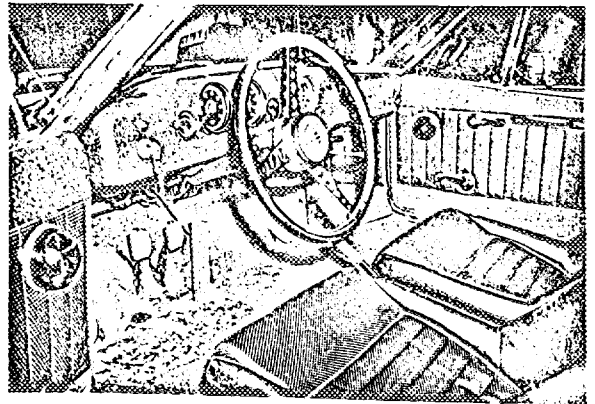
SONETT V4

F.I.A. Rec.N<sup>0</sup>

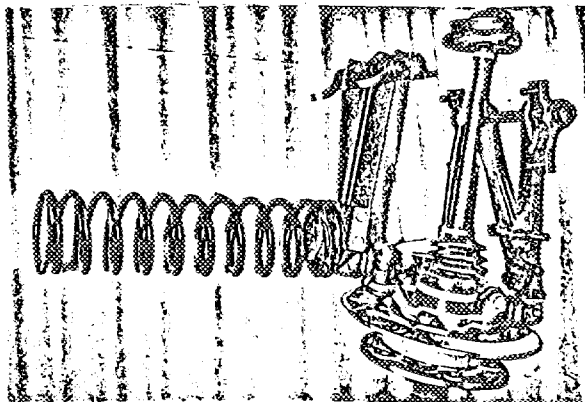
Photograph B



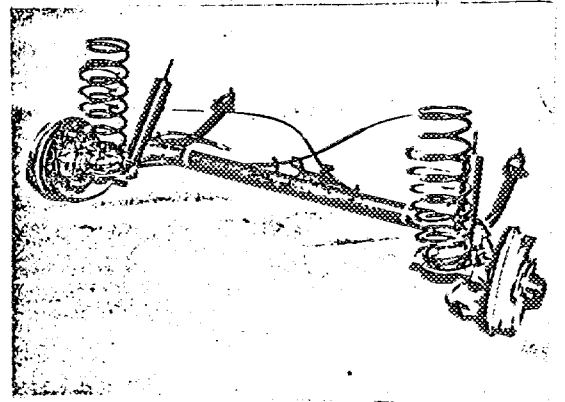
Photograph C



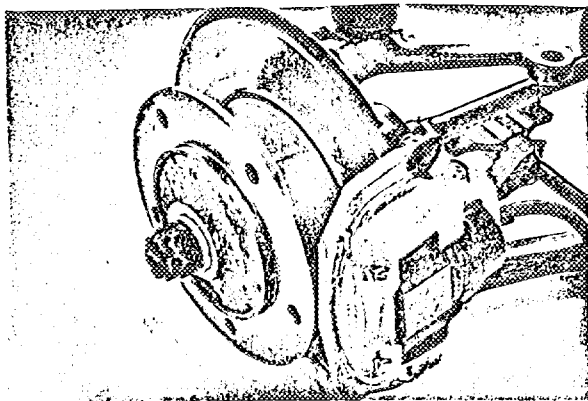
Photograph D



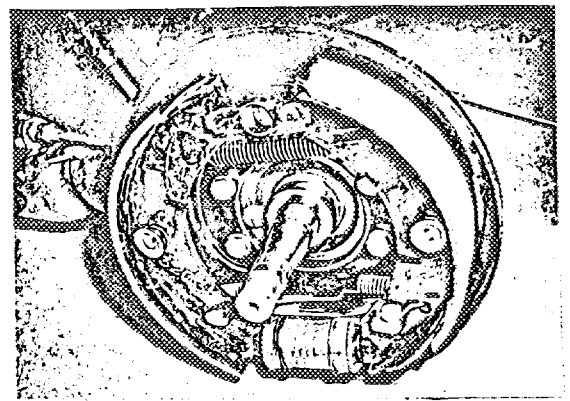
Photograph E



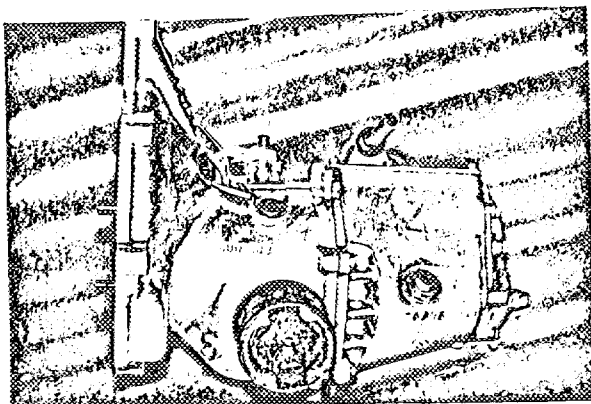
Photograph F



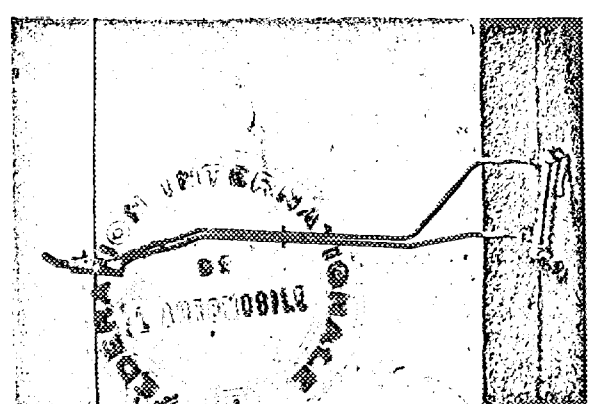
Photograph G



Photograph H



Photograph I



Make

Model

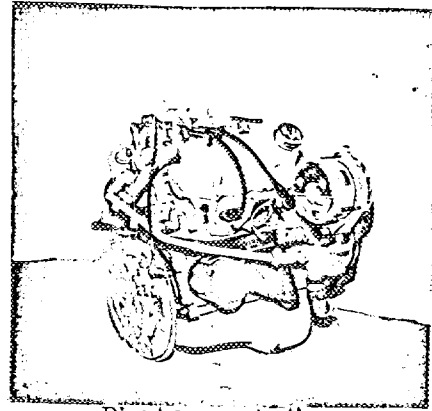
F.I.A. Rec.N<sup>o</sup>

Photograph J



Photograph L

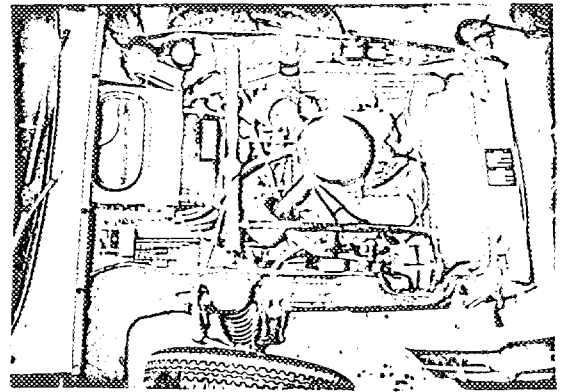
Photograph K



Photograph M

Photograph N

Photograph O



Photograph P

Photograph Q

Make

Model

F.I.A. Rec.N<sup>o</sup>

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.

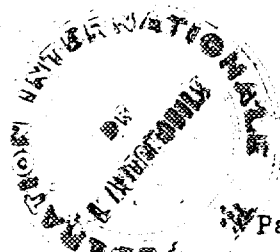
---

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.

---



Make SAAB Model SONETT V4 F.I.A. Rec.N<sup>o</sup>

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<sup>+10</sup> mm 48,54 inches X
3. Rear track 1233<sup>+10</sup> mm 48,54 inches X
4. Overall length of the car 377 cm inches
5. Overall width of the car 155 cm inches
6. Overall height of the car 116 cm inches
7. Capacity of fuel tank (reserve included) 60 ltrs  
15,8 Gallon US 13,2 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:  
720 kg 1587 lbs cwt

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 l
1 foot/pied	- 30.4794 cm	1 pint (pt)	- 0.568 l
1 square inch/pouce carré	- 6.452 cm <sup>2</sup>	1 gallon Imp.	- 4.546 l
1 cubic inch/pouce cube	- 16.387 cm <sup>3</sup>	1 gallon US	- 3.785 l
1 pound/livre (lb)	- 453.593 gr	1 hundred weight (cwt)	- 50.802 k

Make SAAB

Model SONETT V4

F.I.A. Rec.N°

CHASSIS AND COACHWORK (Photographs A,B and C)

20. Chassis/body construction: separate/unitary construction

21. Unitary construction, material(s)

Separate construction

22. Material(s) of chassis PRESSED STEEL SHEET

23. Material(s) of coachwork GLASS FIBER LAMINATE

24. Number of doors 2 Material(s) - " - AND PRESSED STEE SHEET

25. Material(s) of bonnet - " -

26. Material(s) of boot lid - " -

27. Material(s) of rear-window GLASS

28. Material(s) of windscreen - " -

29. Material(s) of front-door windows - " -

30. Material(s) of rear-door windows

31. Sliding system of door windows WHEEL AND LEVEL MECHANISM

32. Material(s) of rear-quarter light

ACCESSORIES AND UPHOLSTERY

38. Interior heating: yes - no 39. Air-conditioning: yes - no

40. Ventilation: yes - no

41. Front seats, type of upholstery VINYL UPHOLSTERY

42. Weight of front seat(s), complete with supports and rails, out of the car: 8 kg lbs

43. Rear seats, type of upholstery

44. Front bumper, material(s) Weight kg lbs

45. Rear bumper, material(s) Weight kg lbs

WHEELS

50. Type DISC

51. Weight (per wheel, without tyre) 6,6 kg lbs

52. Method of attachment BOLTED TO DRUM

53. Rim diameter 381 mm 15 inches

54. Rim width 114 mm 4 1/2 inches

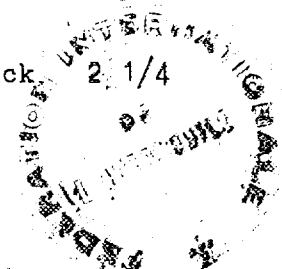
STEERING

60. Type RACK AND PINION

61. Servo-assistance: yes - no

62. Number of turns of steering wheel from lock to lock 2 1/4

63. In case of servo-assistance



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 (TWO 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 <sup>2</sup>	sq.in.	14500 mm <sup>2</sup>	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 <sup>2</sup>	sq.in.	mm <sup>2</sup>	sq.in.



ENGINE (Photographs J and K)

130. Cycle	FOUR STROKE	131. Number of cylinders	4
132. Cylinder arrangement	V-FORM		
133. <u>Bore</u>	90,0 mm 3,54 in.	134. <u>Stroke</u>	58,9 mm 2,32 in.
135. <u>Capacity per cylinder</u>	375 cm <sup>3</sup>		22,9 cu.in.
136. <u>Total cylinder capacity</u>	1498 cm <sup>3</sup>		91,4 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	8,6 - 9,4:1		
143. Volume of one combustion chamber		40,22 - 38,22 cm <sup>3</sup>	cu.in.
144. Piston, material	ALUMINIUM ALLOY	145. Number of rings	3
146. Distance from gudgeon pin centre line to highest point of piston crown			
	45,4 - 45,5 mm		inches
147. Crankshaft: <u>moulded/stamped</u>		148. Type of crankshaft: <u>integral/cast</u>	<u>with balance we</u>
149. Number of crankshaft main bearings		3	
150. Material of bearing cap		CAST IRON	
151. System of lubrication		<u>dry sump/oil in sump</u>	
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	27,0 cm		inches
157. Number of blades of cooling fan	5		
Bearings			
158. Crankshaft main, type		SHELL BEARING	Dia. 57,0 mm
159. Connecting rod, big end, type		- " -	Dia. 54.0 mm
Weights			
160. Flywheel (clean)	6,5 - 7,3 kgs	lbs	
161. Flywheel with clutch (all turning parts)	10,2 - 11,1 kgs	lbs	
162. Crankshaft	10,2 - 11,0 kgs	lbs	
164. Piston with rings and pin including connecting rod	1,2 kgs	lbs	see 164





Make SAAB Model SONETT V4 F.I.A. Rec.N<sup>o</sup>

FOUR STROKE ENGINES

170. Number of camshafts 1 171. Location IN V-CENTER  
172. Type of camshaft drive WHEEL 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 37,1 - 37,5 mm 1,46 - 1,48 inches  
182. Max. valve lift 9,77 mm 0,38 in. 183. Number of valve springs  
184. Type of spring COIL SPRING 185. Number of valves/cyl. 1  
186. Tappet clearance for checking timing (cold) 0,40 - 0,45 mm  
187. Valves open at (with tolerance for tappet clearance indicated) 21<sup>o</sup> B.T.D.  
188. Valves close at (with tolerance for tappet clearance indicated) 82<sup>o</sup> A.B.D.  
189. Air filter, type DRY FILTER CARTRIDGE

EXHAUST (see page 4)

195. Material(s) of exhaust manifold (CAST IRON)  
196. Diameter of valves 32,0 - 32,4 mm 1,26 - 1,28 inches  
197. Max. valve lift 9,77 mm 0,38 in. 198. Number of valve springs  
199. Type of spring COIL SPRING 200. Number of valves/cyl. 1  
201. Tappet clearance for checking timing (cold) 0,40 - 0,45 mm  
202. Valves open at (with tolerance for tappet clearance indicated) 63<sup>o</sup> B.B.D.  
203. Valves close at (with tolerance for tappet clearance indicated) 40<sup>o</sup> A.T.D.

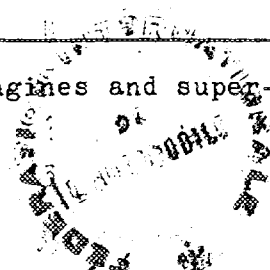
CARBURETION (photograph N)

210. Number of carburettors fitted 1 211. Type DOWNDRAUGHT  
212. Make SOLEX 213. Model 32 PDSIT-4  
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 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 engines and super-charged engines see page 13.



Make

SAAB

Model SONETT V4

F.I.A. Rec.N°

ENGINE ACCESSORIES

230. Fuel pump	mechanical 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 cyl.	1
236. Generator, number fitted	1	237. Method of drive	V-BELT
238. Voltage of generator	12 volts		
239. Battery, number	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 kpm	at 2500 rpm	
253. Max. speed of the car	165 km/hour	miles/hour	



Make SAAB

Model SONETT V4

F.I.A. Rec.N°

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 in. outside 19 cm
- 264. Method of operating clutch HYDRAULIC

GEAR BOX (Photograph H)

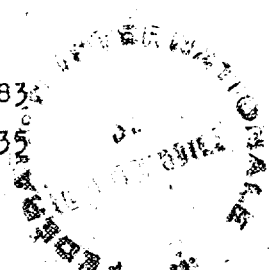
- 270. Manual type, make SAAB
- 271. Number of gear box ratios forward 4
- 272. Synchronized forward ratios ON STEERING COLUMN
- 273. Location of gear shift
- 274. Automatic, Make type
- 275. Number of forward ratios
- 276. Location of gear shift

277.	Manual		Automatic		Alternative manual			
	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	2,64	31-26-33 21-38-27
2	2,09	31-37-27- 40-22			1,86	34-37-30- 41-25	1,60	34-37-30 38-27
3	1,30	35-27			1,30	35-27	1,19	31-26
4	0,84	31-37			0,92	34-37	0,92	34-37
5								
6								
reverse	3,18	35-20-40- 22			2,87	35-20-41- 25	2,08	31-21-38 27

- 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 4,88 5,14 5,43 5,83
- Number of teeth 9:42 8:39 7:36 7:38 6:35



Make SAAB

Model SONETT V4

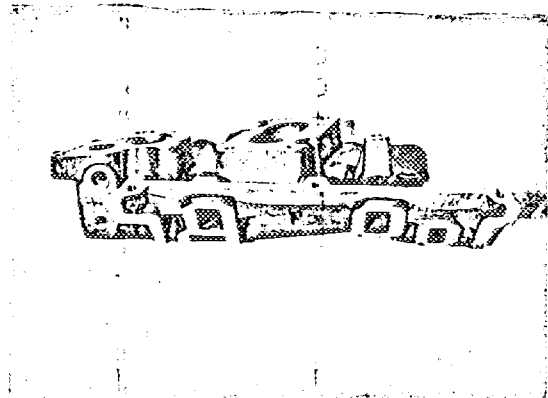
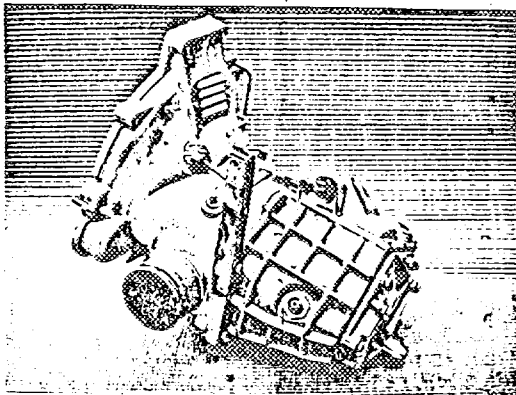
F.I.A. Rec.N<sup>o</sup>

IMPORTANT - The conformity of the car with the following items of the present recognition form is to be disregarded during the scrutineering, when the vehicle has been entered in group 2 (Touring cars) or 3 (Grand Touring cars): 41, 72, 80, 91, 142, 143, 144, 145, 146, 153, 156, 157, 160, 161, 162, 163, 164, 182, 184, 186, 187, 188, 189, 199, 201, 202, 203, 212, 213, 215, 216, 222, 225, 230, 250, 251, 252, 253 and photographs I, M and N.

During the scrutineering of cars entered in group 4 (Sportscars) only the following items of the present recognition form are to be taken into consideration: 1, 2, 3, 9, 20, 21, 22, 23, 24, 25, 26, 70, 71, 78, 79, 90, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 147, 148, 149, 150, 158, 159, 170, 171, 172, 173, 185, 200, 270, 271, 274, 275, 290, 292, and photographs A, B, D, E, F, G, H, J, K and O.

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

LIMITED SLIP DIFFERENTIAL	TYPE: CAM AND PAWL PRINCIP
GEAR BOX HOUSING 719430	(see photo)
INLET MANIFOLD 425922	(see photo)



Make SAAB

Model SONETT V4

F.I.A. Rec.N°

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 - no
- 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 ..... Model..... SONETT V4 .....

Serial No. inaugurating this extension ..... Chassis..... 259 .....

Manufacturing date of the first vehicle ..... Engine..... 101 .....

constructed with the modifications ..... 1/11 ..... 19 68 .....

Commercial denomination of modified model ..... SONETT V4 .....

This extension of recognition is considered: variation - normal development of original vehicle type

Recognition is valid from... *1st Jan. 1969* ... List. *1969/1* .....

Descriptions of modifications:

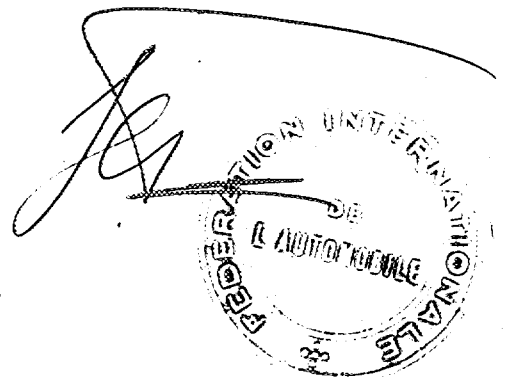
Limited slip differential. Type: Borg-Warner spin resistant differential

Signature and stamp of the National Sporting Authority:



*[Handwritten signature]*

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





FEDERATION INTERNATIONALE DE L'AUTOMOBILE

SAAB - SONETT V4

MARQUE ET MODELE

3/68

VALIDITE HOMOLOGATION

589

FICHE NR.

N° utilisé pour une voiture d'autre marque.

4500cc/1600

GROUPE / CLASSE

EXTENSIONS	DEBUT VALIDITE	DESCRIPTION	NOTES

Autres homologations du modèle

Vérifiée le 19/03/96 par [Signature] visée ce jour le \_\_\_\_\_ par \_\_\_\_\_

bill FIA 28/3-68

F.I.A. Recognition N° 589  
Group 4

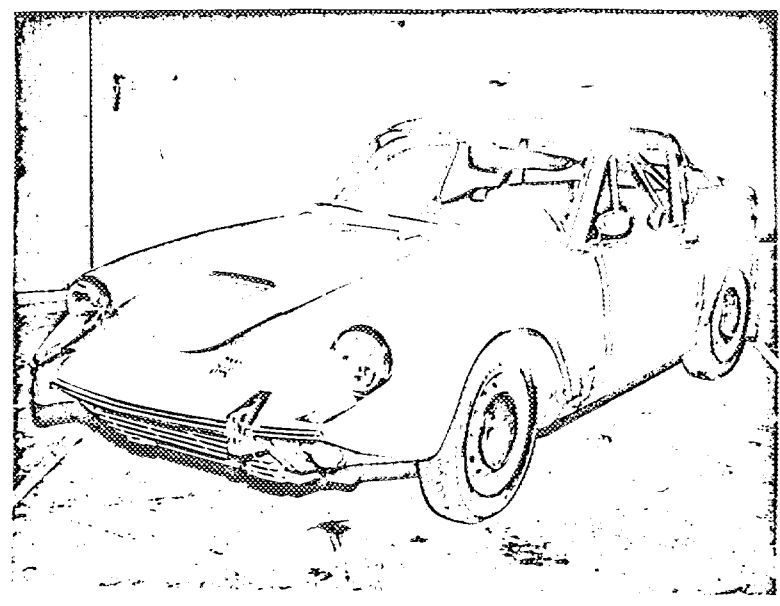
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

Manufacturer... SAAB AKTIEBOLAG..... Cylinder capacity... 1498.....cm<sup>3</sup>.. 91.4...in<sup>3</sup>  
Model..... Sonett V4.....  
Serial N° of chassis... 259..... Manufacturer..... ASJ Arlov.....  
engine..... 101..... Manufacturer... Ford Motor Company.....  
Recognition is valid from... 1st March 68 List... 1768/4

The manufacturing of the model described in this recognition form was started  
on 23/3...1967.. and the minimum production of... 50.....identical cars, in  
accordance with the specifications of this form was reached on 20/9.....1967....

Photograph A, 3/4 view of car from front



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


Variants

on.....19...rec.N°.....List.....  
on.....19...rec.N°.....List.....  
on.....19...rec.N°.....List.....  
on.....19...rec.N°.....List.....  
on.....19...rec.N°.....List.....

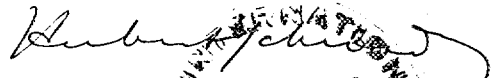

Normal evolution of the type

on.....19...rec.N°.....List.....  
on.....19...rec.N°.....List.....  
on.....19...rec.N°.....List.....  
on.....19...rec.N°.....List.....  
on.....19...rec.N°.....List.....

Stamp and signature of the  
National Sporting Authority:


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

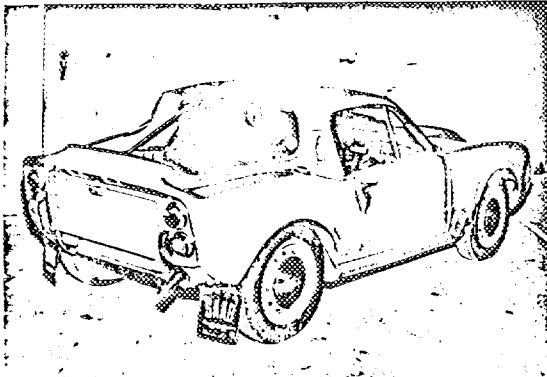


Make

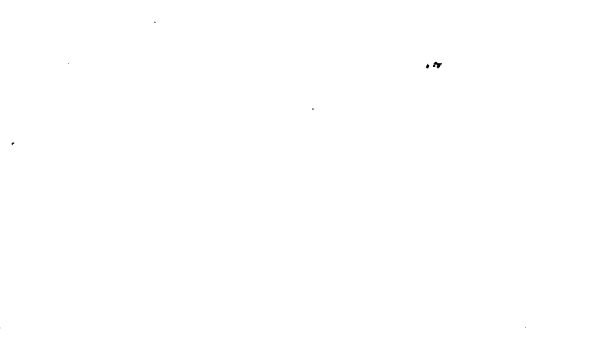
Model

F.I.A. Rec.N°

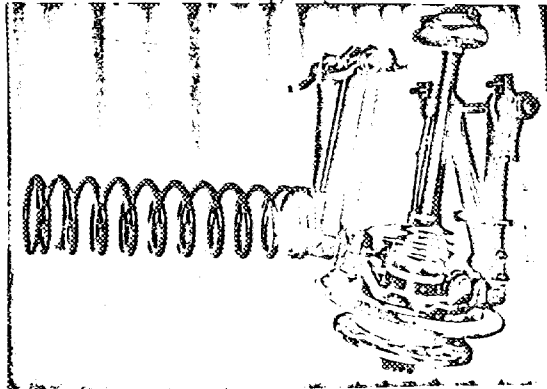
Photograph B



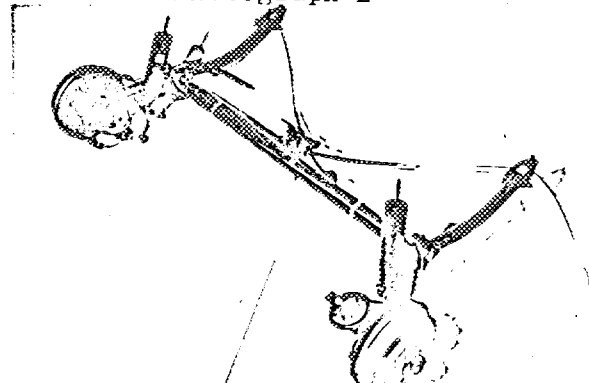
Photograph C



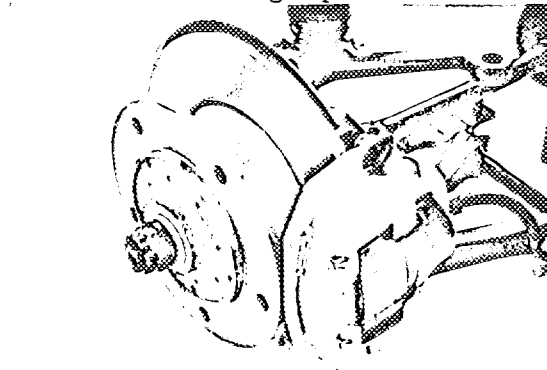
Photograph D



Photograph E



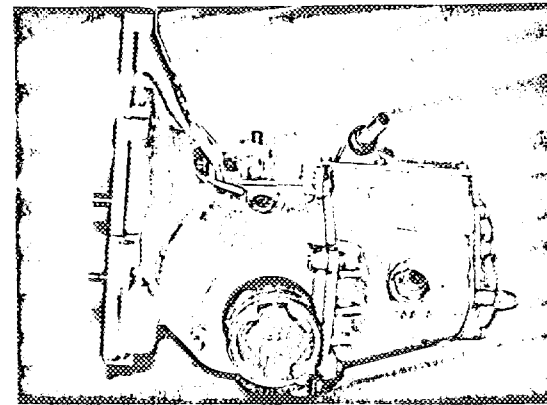
Photograph F



Photograph G



Photograph H



Photograph I



PROGRAMME INTERNATIONAL  
DE  
TRIBUTION  
DE  
ATTENZIONE

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. <u>Wheelbase</u>	2.149	mm	84.61	inches
2. <u>Front track</u>	1.220	mm	48.03	inches X
3. <u>Rear track</u>	1.220	mm	48.03	inches X
4. Overall length of the car		cm		inches
5. Overall width of the car		cm		inches
6. Overall height of the car		cm		inches
7. <u>Capacity of fuel tank</u> (reserve included)				ltrs
		Gallon US		Gallon Imp.
8. Seating capacity				
9. <u>Weight</u> , total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools:				
	720	kg	1587	lbs
				cwt

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 <sup>2</sup>	1 gallon Imp.	-	4.546 ltrs
1 cubic inch/pouce cube	-	16.387 cm <sup>3</sup>	1 gallon US	-	3.785 ltrs
1 pound/livre (lb)	-	453.593 gr	1 hundred weight(cwt)	-	50.802 kg



CHASSIS AND COACHWORK (Photographs A, B, and C)

20. Chassis/body construction: separate/unitary construction

21. Unitary construction, material(s) ..

Separate construction

22. Material(s) of chassis Pressed steel sheet

23. Material(s) of coachwork Glass fiber laminate

24. Number of doors 2 Material(s) Glass fiber laminate

25. Material(s) of bonnet Glass fiber laminate

26. Material(s) of boot lid Glass fiber laminate

27. Material(s) of rear-window

28. Material(s) of windscreen

29. Material(s) of front-door windows

30. Material(s) of rear-door windows

31. Sliding system of door windows

32. Material(s) of rear-quarter light

ACCESSORIES AND UPHOLSTERY

38. Interior heating: yes - no 39. Air-conditioning: yes - no

40. Ventilation: yes - no

41. Front seats, type of upholstery

42. Weight of front seat(s), complete with supports and rails, out of the car:

kg lbs

43. Rear seats, type of upholstery

44. Front bumper, material(s) Weight kg lbs

45. Rear bumper, material(s) Weight kg lbs

WHEELS

50. Type

51. Weight (per wheel, without tyre) kg lbs

52. Method of attachment

53. Rim diameter mm inches

54. Rim width mm inches

STEERING

60. Type

61. Servo-assistance: yes - no

62. Number of turns of steering wheel from lock to lock

63. In case of servo-assistance



Make

Model

F.I.A. Rec.N<sup>o</sup>

SUSPENSION

- 70. Front suspension (Photograph D), type Independent
- 71. Type of spring Coil spring
- 72. Stabiliser (if fitted)
- 73. Number of shockabsorbers
- 74. Type
- 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
- 82. Type

BRAKES (Photographs F and G)

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

	FRONT		REAR	
93. Number of cylinders per wheel				
94. Bore of wheel cylinder(s)	mm	in.	mm	in.
Drum brakes				
95. Inside diameter	mm	in.	mm	in.
96. Length of brake linings	mm	in.	mm	in.
97. Width of brake linings	mm	in.	mm	in.
98. Number of shoes per brake				
99. Total area per brake	mm <sup>2</sup>	sq.in.	mm <sup>2</sup>	sq.
Disc brakes				
100. Outside diameter	mm	in.	mm	in.
101. Thickness of disc	mm	in.	mm	in.
102. Length of brake linings	mm	in.	mm	in.
103. Width of brake linings	mm	in.	mm	in.
104. Number of pads per brake				
105. Total area per brake	mm <sup>2</sup>	sq.in.	mm <sup>2</sup>	sq.



Make

Model

F.I.A. Rec. N°

FOUR STROKE ENGINES

170. Number of camshafts 1 171. Location In V-center  
 172. Type of camshaft drive Wheel gear  
 173. Type of valve operation Push rod

INLET (see page 4) X

180. Material(s) of inlet manifold  
 181. Diameter of valves mm inches  
 182. Max. valve lift mm in. 183. Number of valve springs  
 184. Type of spring 185. Number of valves/cyl. 1  
 186. Tappet clearance for checking timing (cold) mm inches  
 187. Valves open at (with tolerance for tappet clearance indicated)  
 188. Valves close at (with tolerance for tappet clearance indicated)  
 189. Air filter, type

EXHAUST (see page 4)

195. Material(s) of exhaust manifold  
 196. Diameter of valves mm inches  
 197. Max. valve lift mm in. 198. Number of valve springs  
 199. Type of spring 200. Number of valves/cyl. 1  
 201. Tappet clearance for checking timing (cold) mm inches  
 202. Valves open at (with tolerance for tappet clearance indicated)  
 203. Valves close at (with tolerance for tappet clearance indicated)

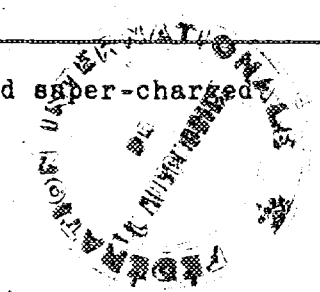
CARBURETION (photograph N)

210. Number of carburettors fitted 211. Type  
 212. Make 213. Model  
 214. Number of mixture passages per carburettor  
 215. Flange hole diameter of exit port(s) of carburettor mm in.  
 216. Minimum diameter of venturi/minimum diameter with piston at max. height  
 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 engines and super-charged engines see page 13.



Make

Model

F.I.A. Rec.N<sup>o</sup>

ENGINE ACCESSORIES

- |  |       |   |
|--|-------|---|
| 230. Fuel pump: mechanical and/or electric |       | 231. Number fitted                      |
| 232. Type of ignition system               |       | 233. Number of distributors             |
| 234. Number of ignition coils              |       | 235. N <sup>o</sup> of spark plugs/cyl. |
| 236. Generator, number fitted              |       | 237. Method of drive                    |
| 238. Voltage of generator                  | volts | 239. Battery, number                    |
| 240. Location                              |       |   |
| 241. Voltage of battery                    | volts |   |

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

- |                            |                           |            |
|----------------------------|---------------------------|------------|
| 250. Max. engine output    | (type of horsepower: ) at | rpm        |
| 251. Max. rpm              | output at that figure     |            |
| 252. Max. torque           | at                        | rpm        |
| 253. Max. speed of the car | km/hour                   | miles/hour |



IMPORTANT - The conformity of the car with the following items of the present recognition form is to be disregarded during the scrutineering, when the vehicle has been entered in group 2 (Touring cars) or 3 (Grand Touring cars): 41, 72, 80, 91, 142, 143, 144, 145, 146, 153, 156, 157, 160, 161, 162, 163, 164, 182, 184, 186, 187, 188, 189, 199, 201, 202, 203, 212, 213, 215, 216, 222, 225, 230, 250, 251, 252, 253, and photographs I, M and N.

During the scrutineering of cars entered in group 4 (Sportscars) only the following items of the present recognition form are to be taken into consideration. 1, 2, 3, 9, 20, 21, 22, 23, 24, 25, 26, 70, 71, 78, 79, 90, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 147, 148, 149, 150, 158, 159, 170, 171, 172, 173, 185, 200, 270, 271, 274, 275, 290, 291, 292 and photographs A, B, D, E, F, G, H, J, K and O.

---

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

Limited slip differential 92.8-2777 Type: Cam and pawl princip



## 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      mm<sup>2</sup>      sq.in.
305. Exhaust ports, length measured around cylinder wall      mm      inches
306. Height exhaust port      mm      in.      307. Area      mm<sup>2</sup>      sq.in.
308. Transfer port, length measured around cylinder wall      mm      inches
309. Height transfer port      mm      in.      310. Area      mm<sup>2</sup>      sq.in.
311. Piston ports, length measured around piston      mm      inches
312. Height piston port      mm      in.      313. Area      mm<sup>2</sup>      sq.in.
314. Method of precompression      315. Precompression cylinder: yes -
316. Bore      mm      in.      317. Stroke      mm      inches
318. Distance from top of cylinder block to highest point of exhaust port:  
    mm      inches
319. Distance from top of cylinder block to lowest point of inlet port:  
    mm      inches
320. Distance from top of cylinder block to highest point of transfer port:  
    mm      inches
321. Drawing of cylinder ports.

330. Supercharging - state full details hereafter:

