

15 OCT. 1965

F.I.A. Recognition No. **5012.**
Group **A. - Jansme de Sene.**

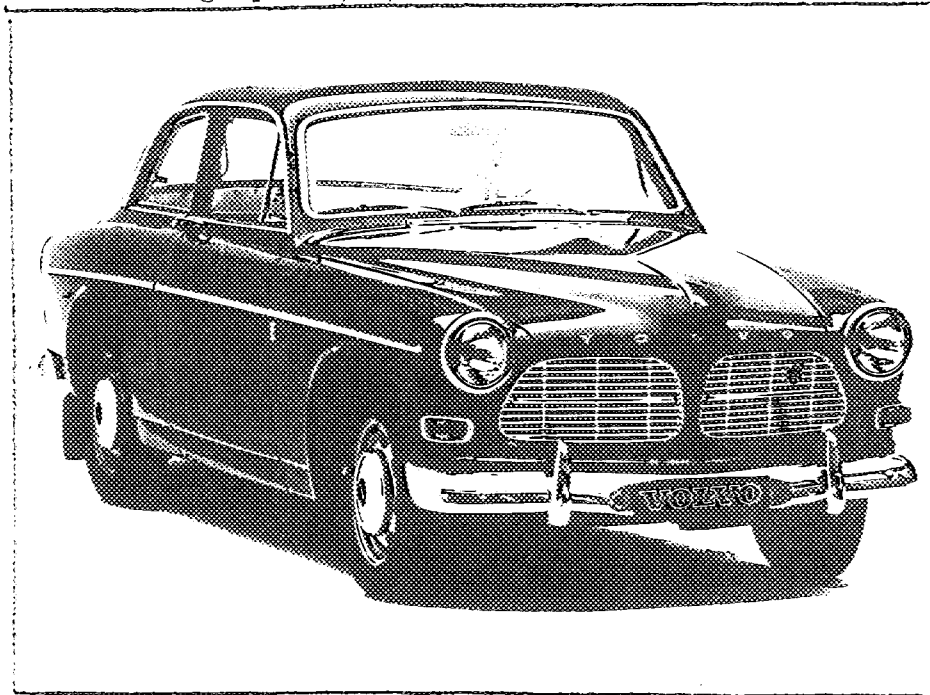
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

Manufacturer	AB. VOLVO	Cylinder-capacity	1778.....cm ³	1689.....cm ³
Serial N° of chassis	144.466	Model	122 S. 2-DOORS	
Serial N° of engine	496820-101	Manufacturer	AB VOLVO	
Recognition is valid from	4/1/1966	Manufacturer	AB VOLVO	
		List	14	

The manufacturing of the model described in this recognition form was started on **AUGUST 18, 1965**, and the minimum production of 5,000.... identical cars, in accordance with the specifications of this form was reached on **NOVEMBER 1, 1965**....

Photograph A , 3/4 view of car from front



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

<u>variants</u>	<u>Normal evolution of the type</u>
on19 .. rec.N° List	on19 .. rec.N° List
on19 .. rec.N° List	on19 .. rec.N° List
on19 .. rec.N° List	on19 .. rec.N° List
on19 .. rec.N° List	on19 .. rec.N° List
on19 .. rec.N° List	on19 .. rec.N° List

Stamp and signature of the
National Sporting Authority

Stamp and signature of the F.I.A.

KUNGL. SPORTKlubben
Tvinggatan 10, Årstad
[Signature]

[Signature]
Page 1
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Make **Volvo**

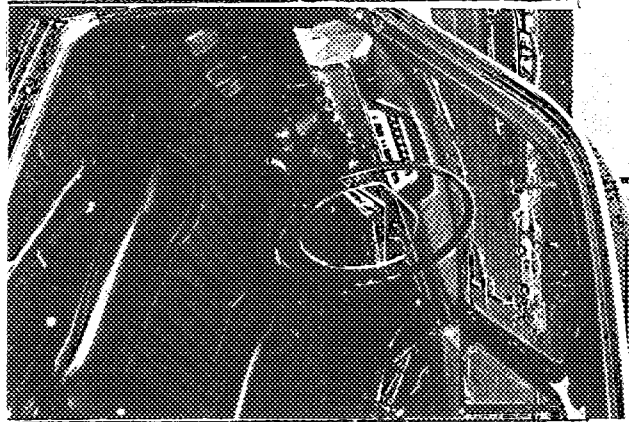
Model **122 S 2-doors**

F.I.A. Rec. N°

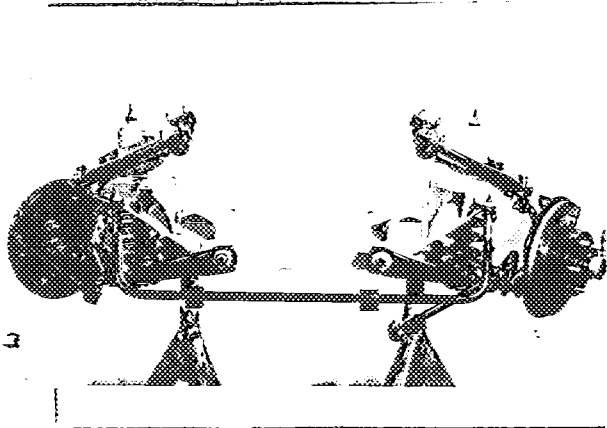
Photograph B



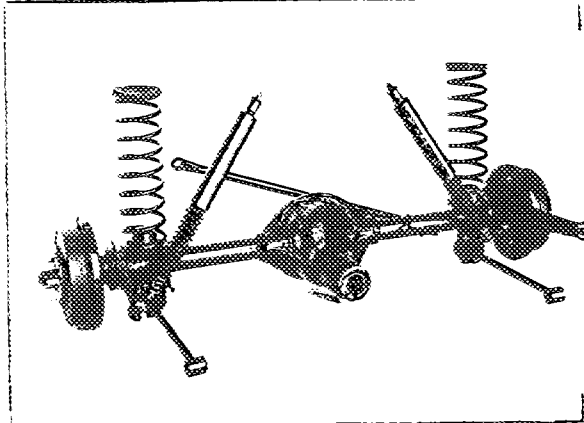
Photograph C



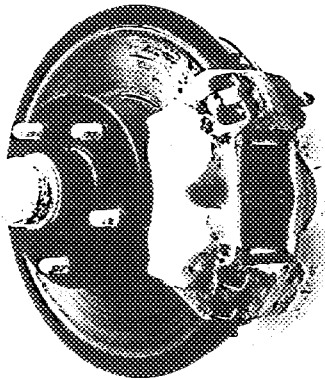
Photograph D



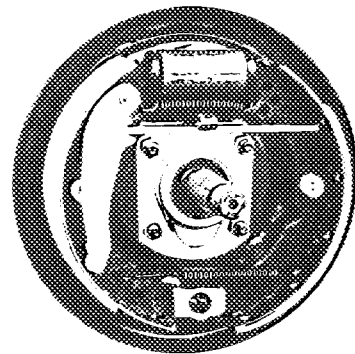
Photograph E



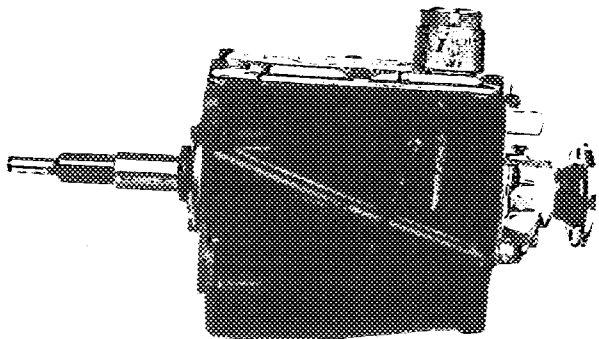
Photograph F



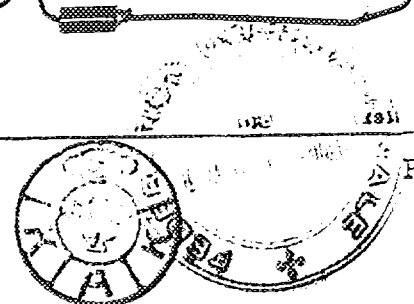
Photograph G



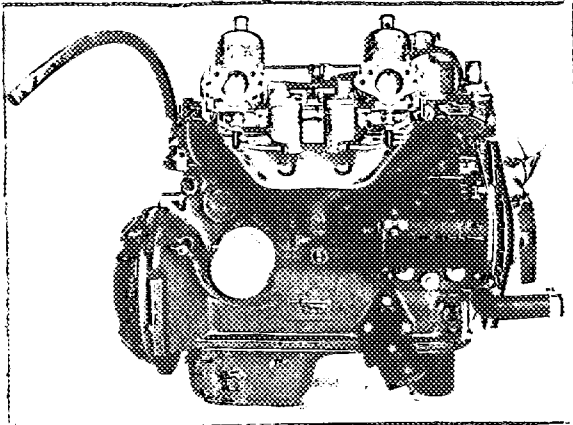
Photograph H



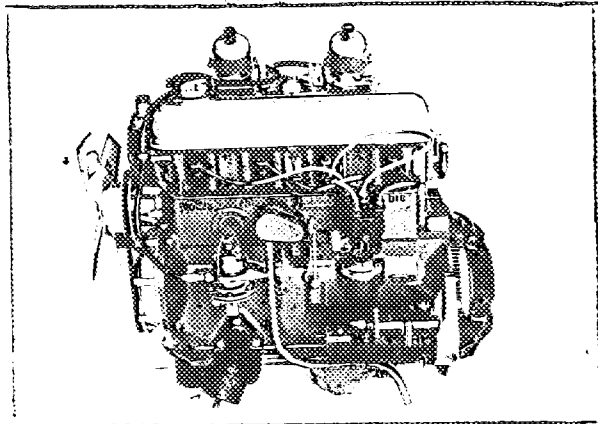
Photograph I



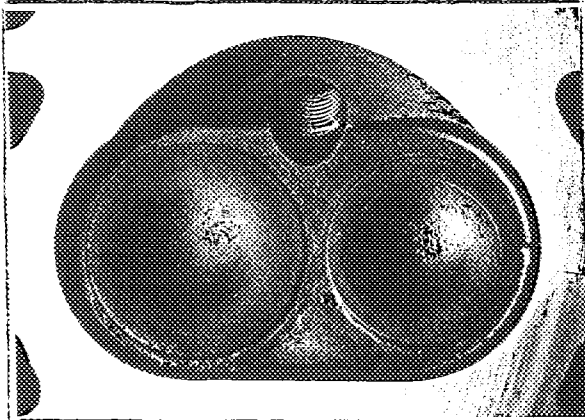
Photograph J



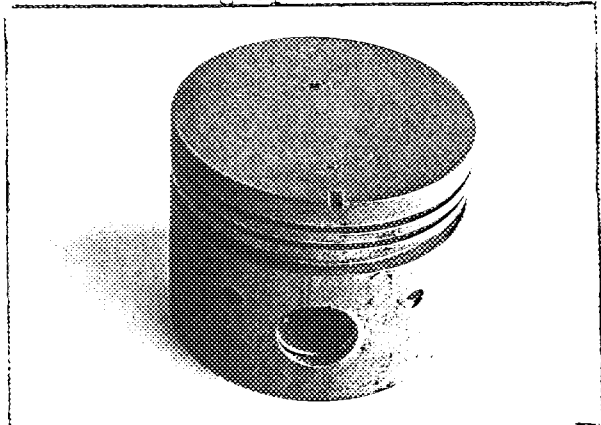
Photograph K



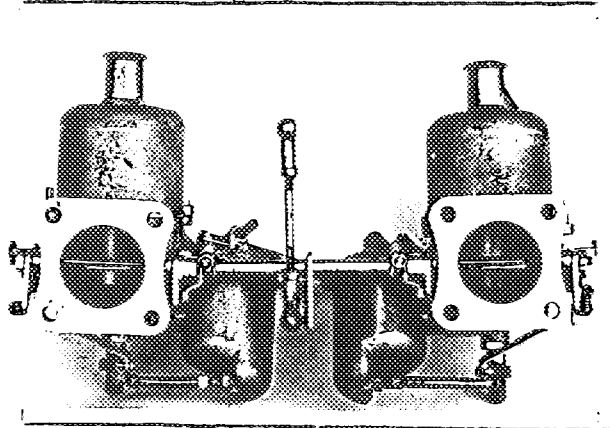
Photograph L



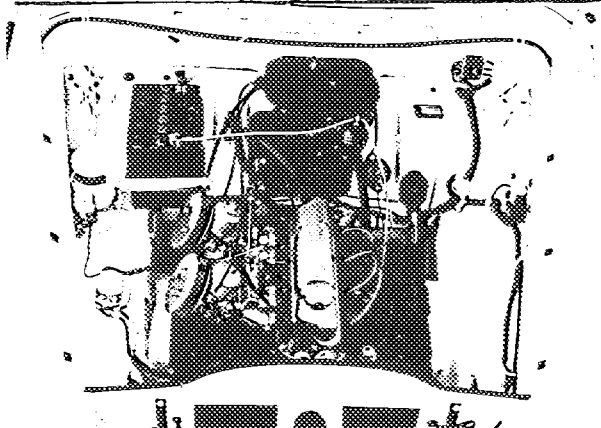
Photograph M



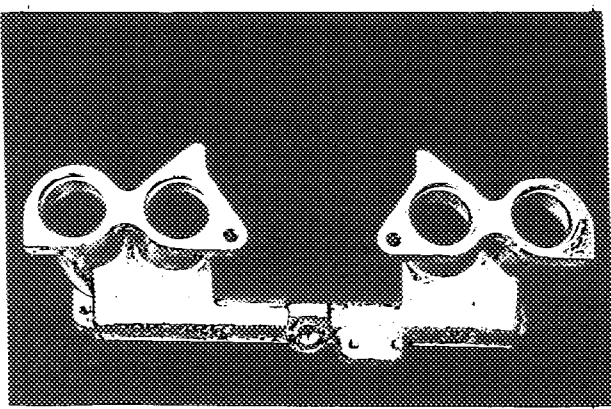
Photograph N



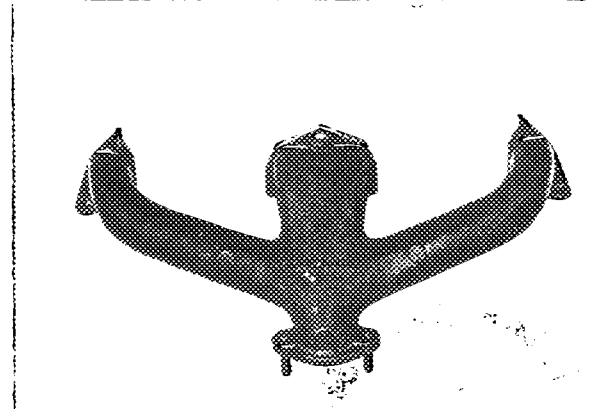
Photograph O



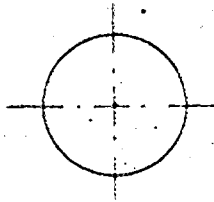
Photograph P



Photograph Q

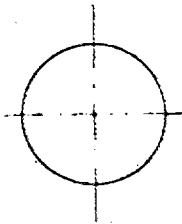


Drawing inlet manifold ports, side of cylinder-head. Indicate scale or dimensions and manufacturing tolerance.



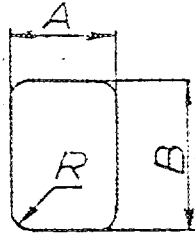
$\underline{\underline{\phi 36 \pm 0.31}}$

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



$\underline{\underline{\phi 36 \pm 0.31}}$

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

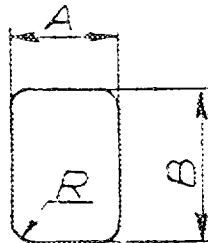


$\underline{\underline{A = 27 \pm 0.8}}$

$\underline{\underline{B = 40 \pm 0.8}}$

$\underline{\underline{R = 5 \pm 0.8}}$

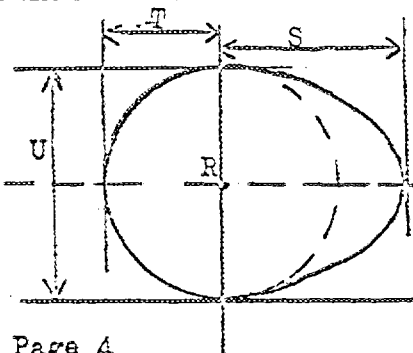
Drawing of exit to exhaust port of cylinder-head. Indicate scale or dimensions and manufacturing tolerance.



$\underline{\underline{A = 25 \pm 0.8}}$

$\underline{\underline{B = 38 \pm 0.8}}$

$\underline{\underline{R = 4 \pm 0.8}}$



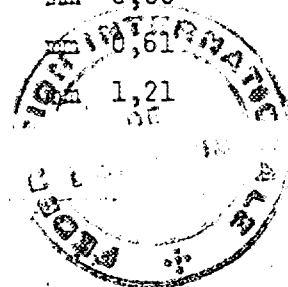
R = centre of camshaft.

Inlet cam

S = 21,3	mm 0,83	inches
T = 15,3	mm 0.61	inches
U = 30,752	mm 1,21	inches

Exhaust cam

S = 21,3	mm 0,83	inches
T = 15,3	mm 0,61	inches
U = 30,752	mm 1,21	inches



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

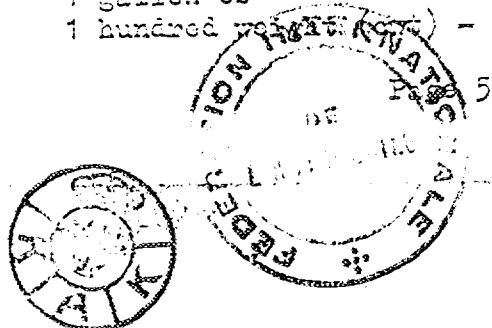
CAPACITIES AND DIMENSIONS

1. <u>Wheelbase</u>	2600	mm	102 1/2	inches	
2. <u>Front track</u>	1315	mm	51 3/4	inches *	
3. <u>Rear track</u>	1315	mm	51 3/4	inches *	
4. Overall length of the car	445	cm		inches	
5. Overall width of the car	162	cm		inches	
6. Overall height of the car	150,5	cm		inches	
7. <u>Capacity of fuel tank</u> (reserve included)				45 litres	
	12	Gallon US	10	Gallon Imp.	
8. Seating capacity	5				
9. <u>Weight</u> , total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools :					
	1013	kg	2239	lbs	19.9 cwt

*) 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	litr.
1 foot/pied	-	30.4794	cm	1 pint (pt)	-	0.568	litr.
1 square inch/pouce carré	-	6.452	cm ²	1 gallon Imp.	-	4.546	litr.
1 cubic inch/pouce cube	-	16.387	cm ³	1 gallon US	-	3.785	litr.
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) STEEL
- Separate construction
- 22. Material(s) of chassis
- 23. Material(s) of coachwork
- 24. Number of doors 2 Material(s) SHEET METAL
- 25. Material(s) of bonnet SHEET METAL
- 26. Material(s) of boot lid SHEET METAL
- 27. Material(s) of rear-window TEMPERED GLASS
- 28. Material(s) of windscreen LAMINATED GLASS
- 29. Material(s) of front-door windows TEMPERED GLASS
- 30. Material(s) of rear-door windows TEMPERED GLASS
- 31. Sliding system of door windows WINDOW WINDERS
- 32. Material(s) of rear-quarter light TEMPERED GLASS

ACCESSORIES AND UPHOLSTERY

- 38. Interior heating : yes - no
- 39. Air-conditioning : yes - no
- 40. Ventilation : yes - no
- 41. Front seats, type of upholstery VINYL
- 42. Weight of front seat(s), complete with supports and rails, out of the car :
 PER CHAIR 14,6 kg lbs
- 43. Rear seats, type of upholstery VINYL
- 44. Front bumper, material(s) CHROME-PLATED STEEL Weight 9,6 kg lbs
- 45. Rear bumper, material(s) CHROME-PLATED STEEL Weight 9,6 kg lbs

WHEELS

- 50. Type DISC WHEELS
- 51. Weight (per wheel, without tyre) 6,9 kg lbs
- 52. Method of attachment WITH 5 NUTS
- 53. Rim diameter 381 mm 15" inches
- 54. Rim width 101 mm 4" inches

STEERING

- 60. Type CAM AND ROLLER
- 61. Servo-assistance : ~~yes~~ - no
- 62. Number of turns of steering wheel from lock to lock
- 63. In case of servo-assistance --



Make Volvo

Model 122 S 2-doors

F.I.A. Rec. N°

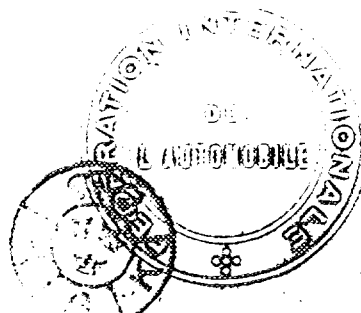
SUSPENSION

- 70. Front suspension (photogr. D), type individual
- 71. Type of spring coil
- 72. Stabiliser (if fitted) Yes
- 73. Number of shock absorbers 2 74. Type Telescopic
- 78. Rear suspension (photogr. E), type rigid axle
- 79. Type of spring coil
- 80. Stabiliser (if fitted) -
- 81. Number of shock absorbers 2 82. Type Telescopic

BRAKES (photographs F and G)

- 90. Method of operation Hydraulic
- 91. Servo-assistance (if fitted), type Vacuum servo, optional
- 92. Number of hydraulic master cylinders 1

	FRONT			REAR		
93. Number of cylinders per wheel						1
94. Bore of wheel cylinder(s)	(2) 1 1/2"	in.		25,4 mm	in.	
	(1) 2 1/8"					
Drum brakes						
95. Inside diameter		mm	in.	229 mm	in.	
96. Length of brake linings		mm	in.	220 x 2 mm	in.	
97. Width of brake linings		mm	in.	50 mm	in.	
98. Number of shoes per brake				2		
99. Total area per brake		mm ²	sq. in.	420 mm ²	sq. in.	
Disc brakes						
100. Outside diameter	276,5	mm	in.		mm	in.
101. Thickness of disc	12,7	mm	in.		mm	in.
102. Length of brake linings	105-65	mm	in.		mm	in.
103. Width of brake linings	55	mm	in.		mm	in.
104. Number of pads per brake	2					
105. Total area per brake	185	mm ²	sq. in.		mm ²	sq. in.



Make VOLVO

Model 122 2-DOORS

F.I.A. Rec. N°

ENGINE (photographs J and K)

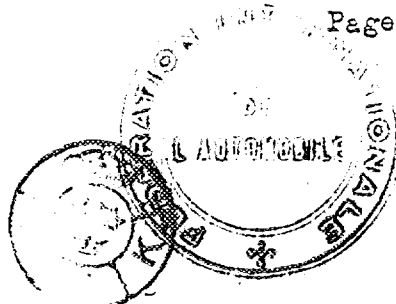
130. Cycle 4-STROKE
131. Number of cylinders 4
132. Cylinder arrangement IN LINE
133. Bore $84,14 + 0,02$ mm 3,313 in. 134. Stroke $80 \pm 0,1$ mm 3,15 in.
135. Capacity per cylinder 444,5 cm³ 27,04 cu.in.
136. Total cylinder-capacity 1778 cm³ 109 cu.in.
137. Material(s) of cylinder block CAST IRON
138. Material(s) of sleeves (if fitted)--
139. Cylinder-head, material(s) CAST IRON Number fitted 1
140. Number of inlet ports 4 141. Number of exhaust ports 4
142. Compression ratio 8,7
143. Volume of one combustion chamber 51,3 cm³ cu.in.
144. Piston, material LIGHT-ALLOY 145. Number of rings 3
146. Distance from gudgeon pin centre line to highest point of piston crown
46 + 0,1 mm inches
147. Crankshaft : moulded / stamped 148. Type of crankshaft : integral/??.....
149. Number of crankshaft main bearings 5
150. Material of bearing cap CAST IRON
151. System of lubrication : ~~dry sump~~ / oil in sump
152. Capacity, lubricant 3,85 ltrs pts quarts US
153. Oil cooler: yes/ no 154. Method of engine cooling WATER
155. Capacity of cooling system 8,5 ltrs pints quarts US
156. Cooling fan (if fitted), dia. 33,5cm inches
157. Number of blades of cooling fan 4

Bearings

158. Crankshaft main, type WHITE METAL Dia. 63,45 mm in.
159. Connecting, big end, type COPPER-LEAD-INDIUM rod Dia. 54,1 mm in.

Weights

160. Flywheel (clean) 9,9 kg lbs
161. Flywheel with clutch (all turning parts) 15,9 kg lbs
162. Crankshaft 16,7 kg lbs 163. Connecting rod 0,680 kg lb
164. Piston with rings and pin 0,588 kg lbs



Make Volvo

Model 122 S 2-doors

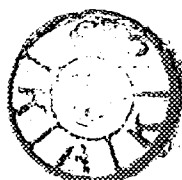
F.I.A. Rec. N°

ENGINE ACCESSORIES

230. Fuel pump : mechanical ~~and/or electric~~ 231. N° fitted 1
232. Type of ignition system Coil 233. N° of distributors 1
234. N° of ignition coils 1 235. N° of spark plugs per cylinder 1
236. Generator, number fitted 1 237. Method of drive belt driven
238. Voltage of generator 12 volts 239. Battery, number 1
240. Location under bonnet against the firewall
241. Voltage of battery 12 volts

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

250. Max. engine output 95 hp (type of horsepower: SAE) at 5400 rpm
251. Maximum rpm 5400 output at that figure 95
252. Maximum torque 14,8 kgm at 3500 rpm
253. Maximum speed of the car km/hour miles/hour



DRIVE TRAIN

CLUTCH

260. Type of clutch DRY DISC

261. N° of plates 1

262. Dia. of clutch plates 215,9 ~~xx~~ mm 8 1/2 inches

263. Dia. of linings, inside 139,7 ~~xx~~ mm in. outside 215,9 ~~xx~~ mm in.

264. Method of operating clutch HYDRAULIC

GEAR BOX (photograph E)

270. Manual type, make VOLVO M 40

271. N° of gear-box ratios forward 4 272. Synchronized forward ratios 4

273. Location of gear-shift CENTRE FLOOR LEVER

274. Automatic, make type

275. N° of forward ratios 276. Location of gear-shift

277.	Manual		Automatic		Alternative manual/automatic			
	Ratio	N° teeth	Ratio	N° teeth	Ratio	N° teeth	Ratio	N° teeth
1	3,13	33:15						
2	1,99	28:20						
3	1,36	23:22						
4	1							
5								
6								
reverse	3,25							

278. Overdrive, type

279. Forward gears on which overdrive can be selected

280. Overdrive ratio

FINAL DRIVE

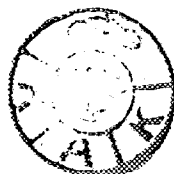
290. Type of final drive HYPOID

291. Type of differential RIGID AXLE

292. Type of limited slip differential (if fitted)

293. Final drive ratio 4,1 | 4,56

Number of teeth 41:10 | 41:9



Make VOLVO

Model 122 S 2-DOORS

F.I.A. Rec. N°

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.

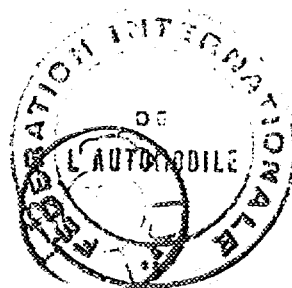
During the scrutineering of cars entered in group 4 (Sportscars) only the following items of the present recognition form are to be taken into consideration 1, 2, 3, 9, 20, 21, 22, 23, 24, 25, 26, 70, 71, 78, 79, 90, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 147, 148, 149, 150, 158, 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.

OPTIONAL EQUIPMENT:

Ref: 53 Wider rims 4 1/2" Weight: 8,0 kg

- Only valid in group 2.



Make

Model

F.I.A. Rec. 13

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 inches 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 :



1st April 1967.

List 16/1



F. I. A. Recognition No.

FIA Identifieringskort Nr 5012 1/ET

KUNGL AUTOMOBIL KLUBBEN
THE ROYAL SWEDISH AUTOMOBILE CLUB

Form of Recognition (normal development of original vehicle type)

Identifieringskort (normal utveckling av vagnstypen)

valid from
gällande fr. o. m.

upon documentation delivered by the manufacturer.
på grundval av från tillverkaren lämnade uppgifter.

Make
Märke Volvo

Previously recognized type, to which this extension refers
Tidigare klassad typ, till vilken denna utökning hänföres Volvo 122S 2-doors

Date when the first vehicles in this stage of development were manufactured
Tillverkningsdatum för de första fordonen av denna vidareutveckling 17th of August 1966

Serial No. of the type inaugurating this extension
Nummerserie för denna utvecklade typ P 132 xx 144400 -1, -2, -3, ...

The
Modellen Volvo 2-doors recognized in Category
klassad i kategori T Gr I

by the F.I.A. on the
av FIA den 15th of October 1965 List
Lista 14

development of the original vehicle type.
utveckling av vagnstypen

as a normal
som normal

DESCRIPTION OF MODIFICATIONS HAVING LED TO THIS RECOGNITION
BESKRIVNING AV DE ÄNDRINGAR, SOM LETT TILL DENNA KLASSNING

