

F.I.A. Recognition N°1461
 Group2.....

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

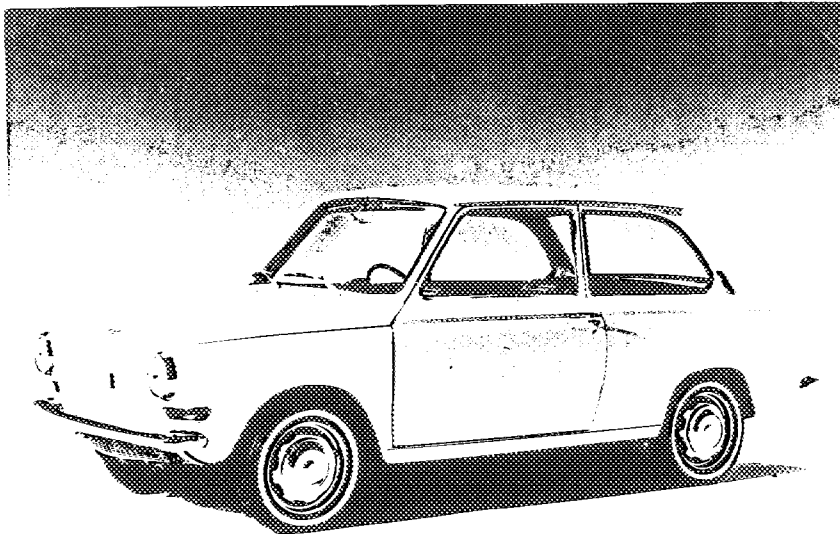
Form of recognition in accordance with
 Appendix J to the International Sporting Code.



Manufacturer D A F Cylinder-capacity ... 844 ... cm³ ... 51,5 ... in³
 Serial N° of chassis .. 4402 .. Model 44 ..
 engine B85 .. Manufacturer DAF ..
 Recognition is valid from List ..

The manufacturing of the model described in this recognition form was started
 on .. July ... 19 66 and the minimum production of .. 1000 .. identical cars, in
 accordance with the specifications of this form was reached on ~~1st July 1966~~

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>
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

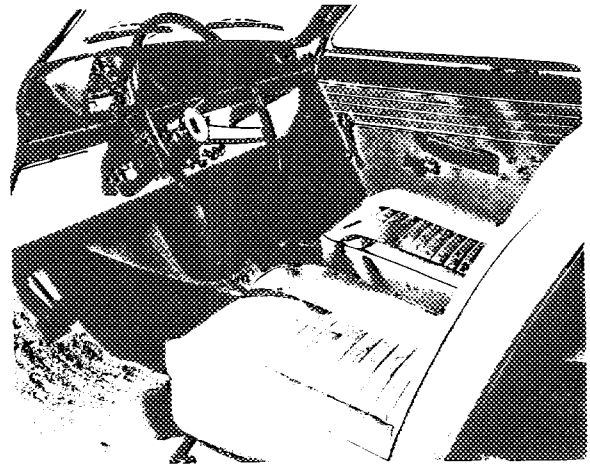
Stamp and signature of the
 National Sporting Authority

Stamp and signature of the F.I.A.

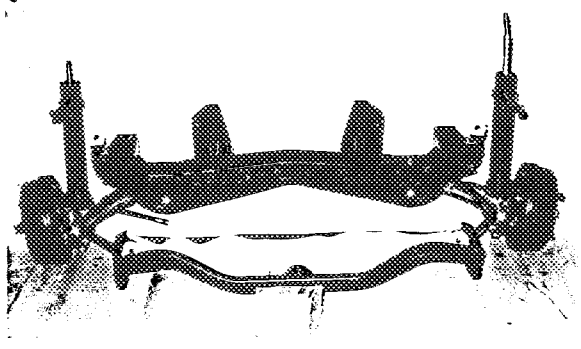
Photograph B , 3/4 view of the car from rear



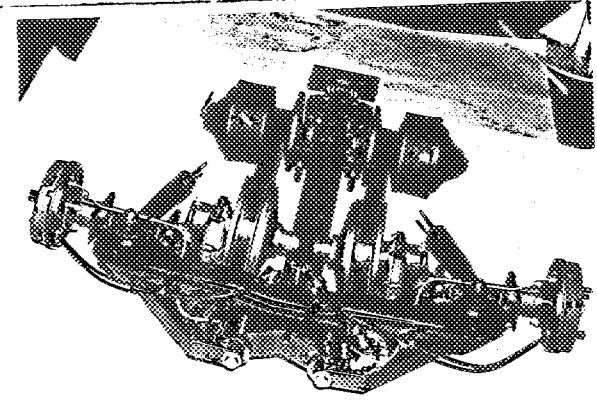
Photograph C , interior view of car through driver's door (open or removed)



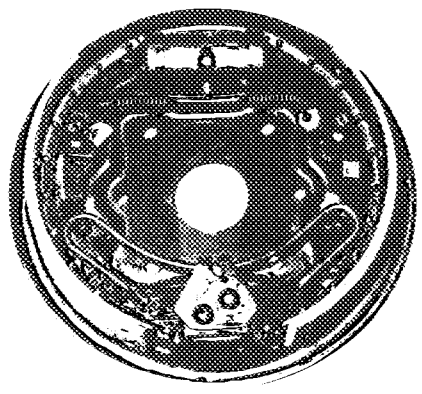
Photograph D, front axle complete, without wheels, removed from the car



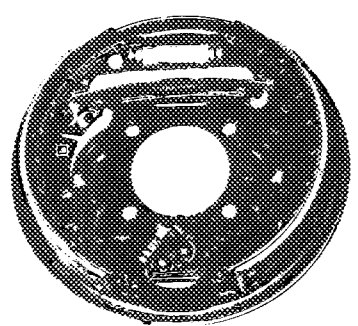
without wheels, removed from the car.



Photograph E, front brake , drum removed.



Photograph G, rear brake. drum removed.

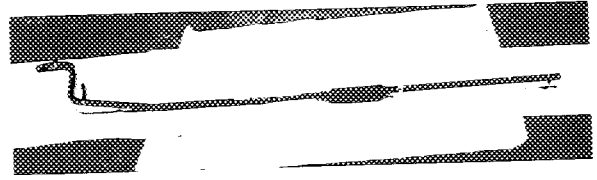


Photograph H

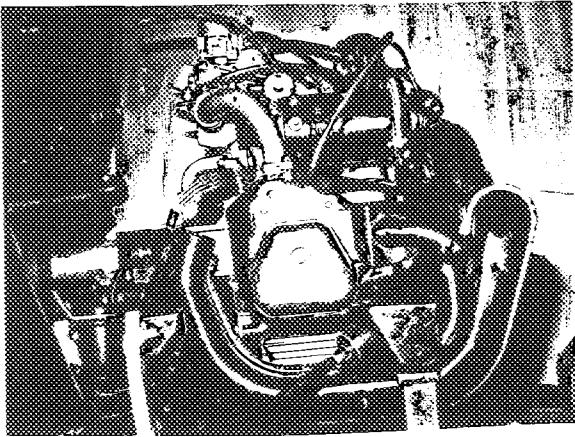
gear-box , view from side.

SEE "E"

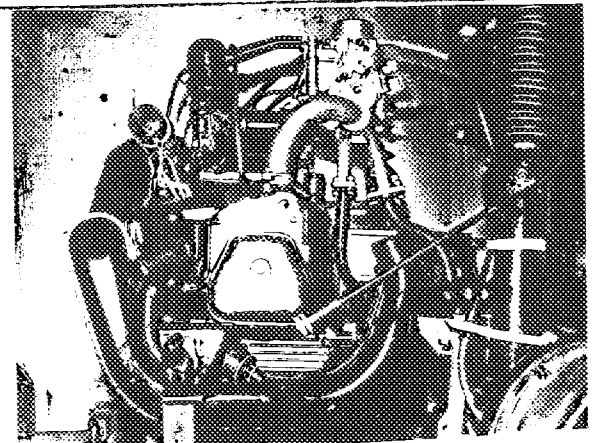
Photograph I



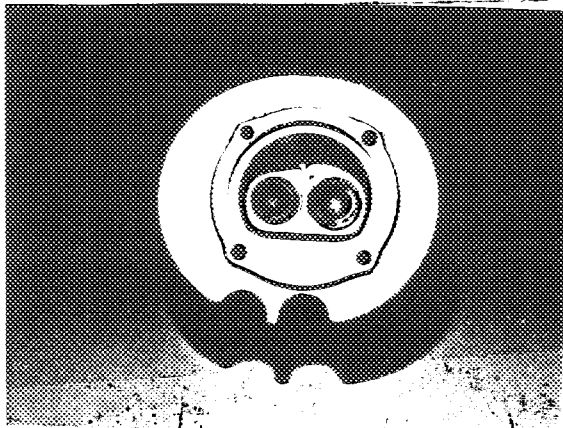
Photograph J



Photograph K



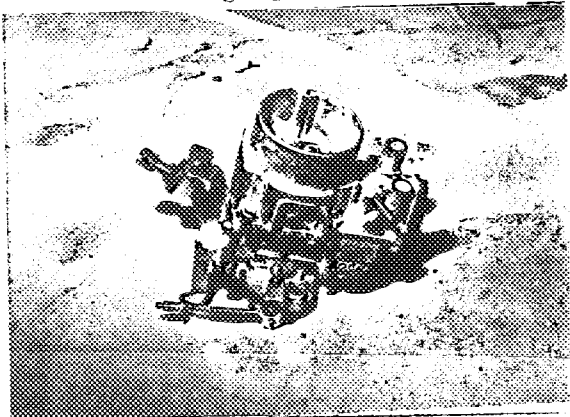
Photograph L



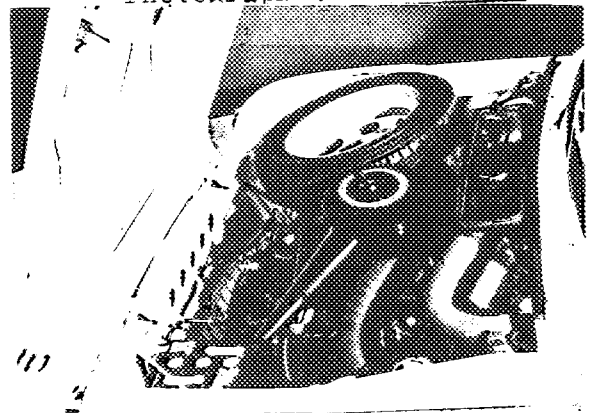
Photograph M

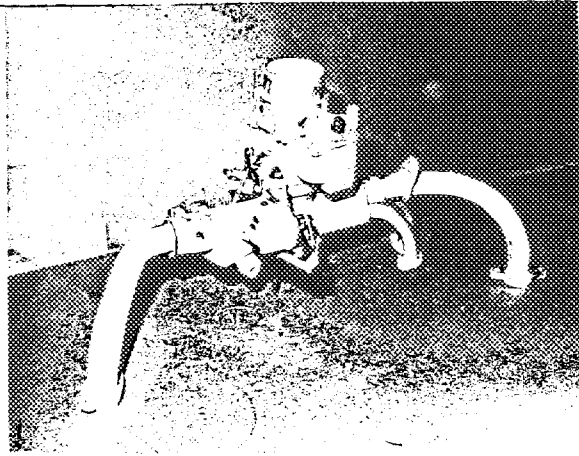


Photograph N

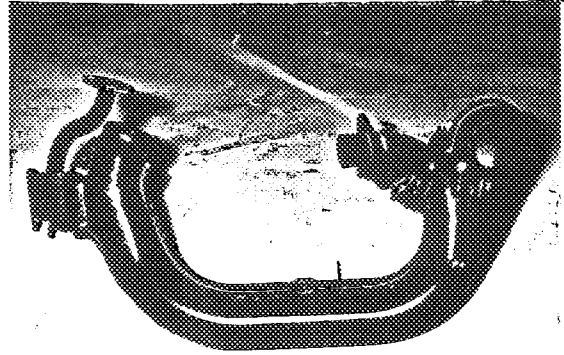
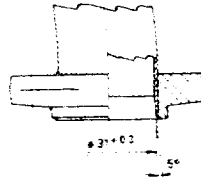


Photograph O

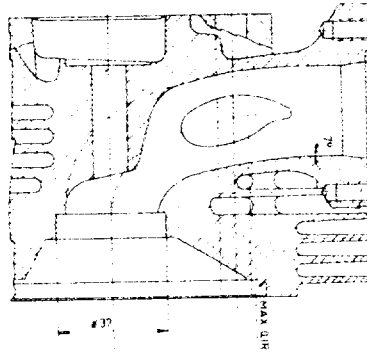




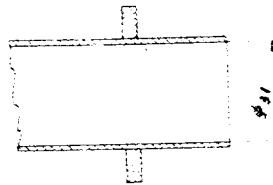
Drawing inlet manifold ports, side of cylinder-head. Indicate scale or dimensions.



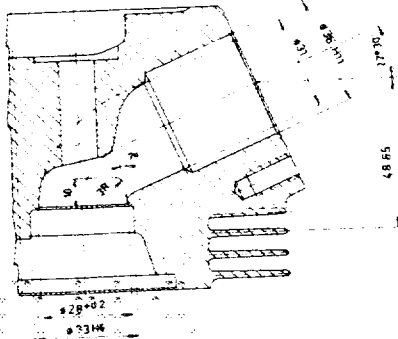
Drawing inlet ports of cylinder-head. Indicate scale or dimensions.



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



Drawing exhaust ports of cylinder-head. Indicate scale or dimensions.



Make **DAF**

Model **44**

F.I.A. Rec. No **1461**

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>	2250	mm	88,58	inches
2. <u>Front track</u> (with standard tyres fitted)			1280	mm 50.39 inches*
3. <u>Rear track</u> (with standard tyres fitted)			1250	mm 49.21 inches*
4. Overall length of the car	3850	cm		151.57 inches
5. Overall width of the car	1540	cm		60.62 inches
6. Overall height of the car	1380	cm		54.33 inches
7. <u>Capacity of fuel tank</u> (reserve included)			40	ltrs
	10,5	Gallon US	8.8	Gallon Imp.
8. Seating capacity	4-5 Pers.			
9. <u>Weight</u> , total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools:				cwt
	700	kg	1550	lbs

*) Differences in track caused by the use of other tyres must be mentioned hereafter together with the corresponding tyre dimensions.
 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.

CONVERSION TABLE

1 inch/pouce	- 2.54	cm	1 quart US	- 0.94635 litres
1 foot/pied	- 30.48	cm	1 pint (pt)	- 0.47317 litres
1 square inch/pouce carré	- 6.4516	cm ²	1 gallon Imp.	- 4.54609 litres
1 cubic inch/pouce cube	- 16.387	cm ³	1 gallon US	- 3.78541 litres
1 pound/livre (lb)	- 453.592	gr.	1 hundred weight (cwt)	- 90.7185 kg

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Make DAF

Model 44

F.I.A. Rec. No 1461

CHASSIS AND COACHWORK (Photographs A, B and C)

20. Chassis/body construction : ~~separate~~ / unitary construction

21. Unitary construction, material(s) sheet steel

22. Material(s) of chassis Separate construction

23. Material(s) of coachwork

24. Number of doors 2 Material(s) sheet steel

25. Material(s) of bonnet steel

26. Material(s) of boot lid steel

27. Material(s) of rear-window glass securit

28. Material(s) of windscreen glass securit BS-I

29. Material(s) of front-door windows glass securit

30. Material(s) of rear-door windows

31. Sliding system of door windows winding

32. Material(s) of rear-quarter light glass securit

ACCESSORIES AND UPHOLSTERY

38. Interior heating : yes - ~~xxx~~

39. Air-conditioning : yes - ~~xxx~~

40. Ventilation : yes - xx

41. Front seats, type of upholstery P.V.C. upholstered bucket type seats

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

12,5 kg 27,5 lbs

43. Rear seats, type of upholstery P.V.C.

44. Front bumper, material(s) stainless steel Weight 3,3 kg 7,3 lbs

45. Rear bumper, material(s) stainless steel Weight 3,2 kg 7,06 lbs

WHEELS

50. Type pressed steel disc (flat hump)

51. Weight (per wheel, without tyre) 5,2 kg 11,5 lbs

52. Method of attachment 3 nuts

53. Rim diameter 354,8 mm 13,97 inches

54. Rim width 101,5 mm 4 inches alt. 4,5 *

55. Standard tyre size fitted, front 135SR14 rear 135SR14
135-14X/5.65-14X
145-14 145-14

STEERING

60. Type Rack and Pinion

61. Servo-assistance : ~~xxx~~ - no

62. Number of turns of steering wheel from lock to lock 3.25

63. In case of servo-assistance

* offset increases track by 1/2 "

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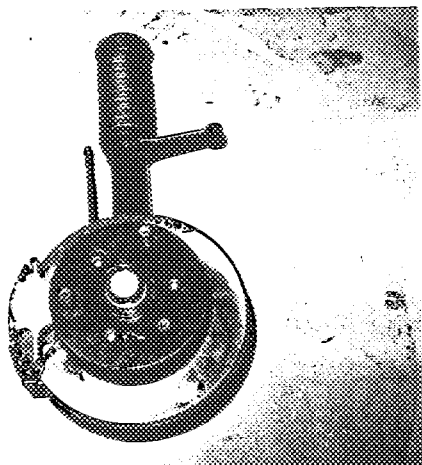
SUSPENSION

70. Front suspension (photogr. D), type Independent, traversed leaf spring
 71. Type of spring leaf
 72. Stabiliser (if fitted) telescopic double-acting hydraulic
 73. No of shock absorbers 2 74. Type Independent swing axle
 78. Rear suspension (photogr. E), type coil
 79. Type of spring coil
 80. Stabiliser (if fitted) ---
 81. No of shock absorbers 2 82. Type telescopic double-acting hydraulic

BRAKES (photographs F and G)

90. Method of operation hydraulic
 91. Servo-assistance : yes - no 92. Type
 93. No of hydraulic master cylinders 1

		Front		Rear	
94. Number of cylinders per wheel	1			1	
95. Bore of wheel cylinder(s)	22, 2	mm 0.874	in. 17.46	mm 0.687	in.
Drum brakes					
96. Inside diameter	200	mm 7.87	in. 200	mm 7.87	in.
97. Length of brake linings	196	mm 7.72	in. 196	mm 7.72	in.
98. Width of brake linings	40	mm 1.57	in. 40	mm 1.57	in.
99. No of shoes per brake	2				
100. Total area per brake	314	mm ² 48.67	in ² 314	mm ² 48.67	in ²
Disc brakes					
101. Outside diameter	248	mm 9.75	in.	mm	in.
102. Length of brake linings	56	mm 2.2	in.	mm	in.
103. Width of brake linings	39	mm 1.54	in.	mm	in.
104. No of pads per brake	2				
105. Total area per brake	2x2000	mm ²	in ²	mm ²	in ²



Make DAF

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ENGINE (photographs J and K)

130. Cycle 4 131. No of cylinders 2

132. Cylinder arrangement opposite

133. Bore 85.5 mm 3.366 in. 134. Stroke 73.5 mm 2.894 in.

135. Capacity per cylinder 422 cm³ 25.75 cu. in.

136. Total cylinder-capacity 844 cm³ 51.5 cu. in.

137. Material(s) of cylinder-block aluminium

138. Material(s) of sleeves (if fitted) steel

139. Cylinder-head, material(s) aluminium No fitted 2

140. Number of inlet ports 2 141. Number of exhaust ports 2

142. Compression ratio 7.5:1

143. Volume of one combustion chamber 58,7 cm³ 3,58 cu. in.

144. Piston, material(s) aluminium 145. No of rings 3

146. Distance from gudgeon pin centre line to highest point of piston crown :
42,5 mm 16,7 inches

147. Crankshaft : moulded / stamped 148. Type of crankshaft 2 throw

149. Number of crankshaft main bearings 2

150. System of lubrication : ~~dry-sump~~ / oil in sump

151. Capacity, lubricant 2 ltrs 3,58 pints 2,15 quarts US

152. Oil cooler : yes / no 153. Method of engine cooling air

154. Capacity of cooling system -- ltrs -- pints -- quarts US

155. Cooling fan (if fitted), dia. 23.6 cm 9.29 inches

156. Number of blades of cooling fan 2x36

Bearings

157. Crankshaft main, type plain Dia. 58 mm 2.28 in.

158. Connecting rod big end, type plain Dia. 52 mm 2.05 in.

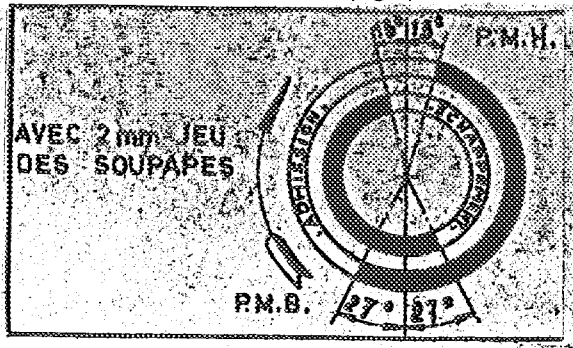
Weights

159. Flywheel (clean) 7,9 kg 17,4 lbs

160. Flywheel with clutch (all turning parts) 17,69 kg 39 lbs

161. Crankshaft 5,49 kg 12,1 lbs 162. Connecting rod 0,185 kg 0,408 lbs

163. Piston with rings and pin 0,630 kg 1,39 lbs



Make **DAF** model **44**

FOUR STROKE ENGINES

- 170. N° of camshafts **1** 171. Location **in sump**
- 172. Type of camshaft drive **gear driven**
- 173. Type of valve operation **push-rod**

INLET (see page 4)*

- 180. Material(s) of inlet manifold **steel tube with aluminium hotspot**
- 181. Diameter of valves **35** mm **1.38** inches
- 182. Max. valve lift **6.1** mm **2.40** inches 183. N° of valve springs **1**
- 184. Type of spring **coil** 185. N° of valves per cylinder **1**
- 186. Tappet clearance for checking timing (cold) **0.10** mm **.004** inches
- 187. Valves open at (with tolerance for tappet clearance indicated))
- 188. Valves close at (with tolerance for tappet clearance indicated))
- 189. Degrees of crankshaft rotation from zero to -) **see diagram**
- maximum valve lift **3/4** maximum valve lift)
- 190. Air filter, type **dry**

EXHAUST (see page 4)

- 195. Material(s) of exhaust manifold **steel tube**
- 196. Diameter of valves **31.5** mm **1.24** inches
- 197. Max. valve lift **6.1** mm **2.40** inches 198. N° of valve springs **1**
- 199. Type of spring **coil** 200. N° of valves per cylinder **1**
- 201. Tappet clearance for checking timing (cold) **0.15** mm **.006** inches
- 202. Valves open at (with tolerance for tappet clearance indicated))
- 203. Valves close at (with tolerance for tappet clearance indicated)) **See diagram**
- 204. Degrees of crankshaft rotation from zero to -) **diagram**
- maximum valve lift **3/4** maximum valve lift)

CARBURETION (photograph N)

- 210. N° of carburettors fitted **1** 211. Type **down draught**
- 212. Make **Solex** 213. Model **40 PICS or 40 PII**
- 214. Flange hole diameter of exit port(s) of carburettor **40** mm **1.57** in.
- 215. Minimum diameter of air-passage **34** mm **1.34** in.

FUEL INJECTION (if fitted)

- 220. Make of pump 221. N° of plungers
- 222. Model or type of pump 223. Total n° of injectors
- 224. Location of injectors

*) For additional information concerning two-stroke engines and super-charged engines see page 13.

Make DAF

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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
238. Voltage of generator 6 volts 239. Battery, number 1
240. Location under bonnet
241. Voltage of battery 6 volts

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

250. Max. engine output 34 (type of horsepower; DIN) at 4500 rpm
251. Maximum rpm 4500 output at that figure 34
252. Maximum torque 6,5 mkg at 2200 rpm
253. Maximum speed of the car 123 km/hour 76 miles/hour

Make **DAF**

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DRIVE TRAIN

CLUTCH

260. Type of clutch **centrifugal**

261. No of ~~plates~~ shoes **8**

262. Dia. of clutch plates **cm** inches

263. Dia. of linings, inside **cm** in. outside **cm** in.

264. Method of operating clutch **automatic**

GEAR BOX (photograph H)

270. Manual type, make **DAF** type **variomatic**

271. No of gear-box ratios forward **03** 272. Synchronized forward ratios

273. Location of gear-shift

274. Automatic, make **DAF** type **variomatic**

275. No of forward ratios **03** 276. Location of gear-shift **on tunnel**

277.	Manual		Automatic		Alternative manual/automatic			
	Ratio	No teeth	Ratio	No teeth	Ratio	No teeth	Ratio	No teeth
1			infinite					
2			variable					
3			between					
4			15.44:1					
5			and					
6			3.87:1					
reverse			(final drive included)					

278. Overdrive, type

279. Forward gears on which overdrive can be selected

280. Overdrive ratio

FINAL DRIVE

290. Type of final drive **integral part of complete Variomatic transmission**

291. Type of differential

292. Type of limited slip differential (if fitted)

293. Final drive ratio

Number of teeth

1461

optional equipment affecting preceding information

- sump guard
- additional fuel tank 20 L.
- Triplex glass windscreen
- 7" sealed beam head light
- Alternator

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