



F.I.A. Recognition No. **5596**
Group **1**

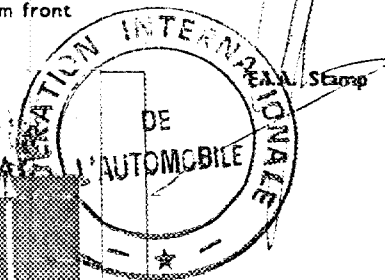
ROYAL AUTOMOBILE CLUB

31 Belgrave Square, London, SW1X 8QH

Form of recognition in accordance with appendix J to the International Sporting Code of the
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

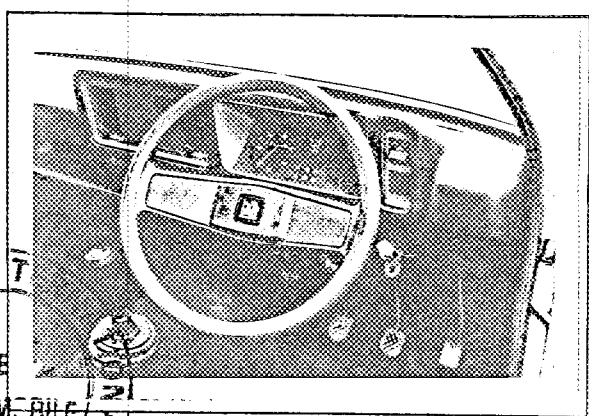
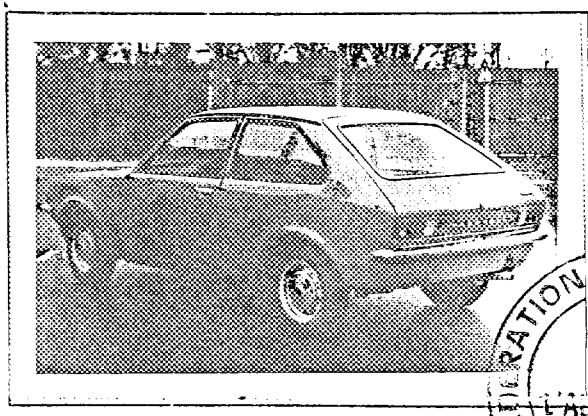
Manufacturer Vauxhall Motors Limited Cylinder-capacity 1256 cm.³ 76,6 in.³
Serial No. of chassis/body 9B08 onwards Model Chevette
Serial No. of engine 1000 onwards Manufacturer Vauxhall Motors Limited
Recognition is valid from 1 July 1975 Manufacturer Vauxhall Motors Limited
The manufacturing of the model described in this recognition form started on March 3rd 1975
and the minimum production of 5000 identical cars, in accordance with the specifications of
this form was reached on April 30th 1975. List

Photograph A. $\frac{1}{2}$ view of car from front

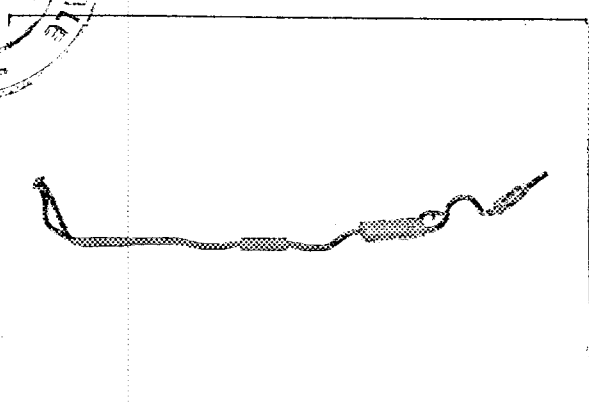
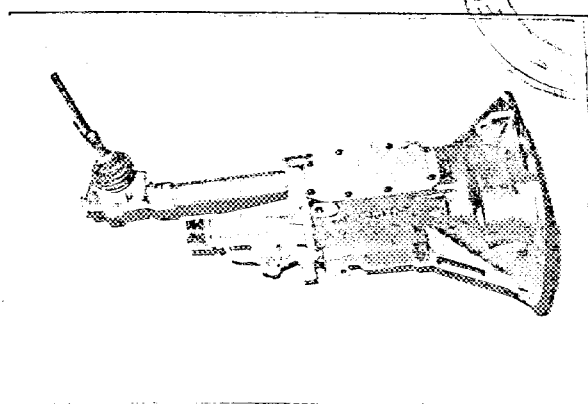
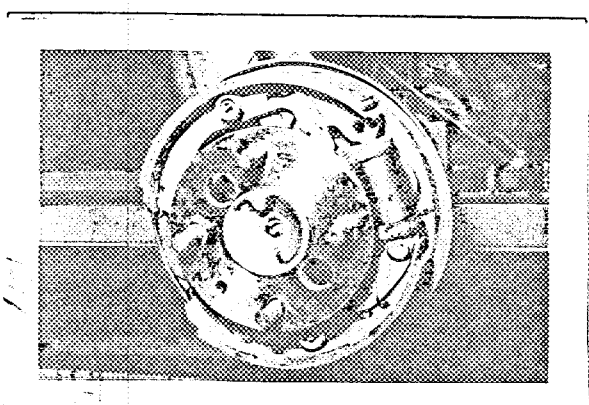
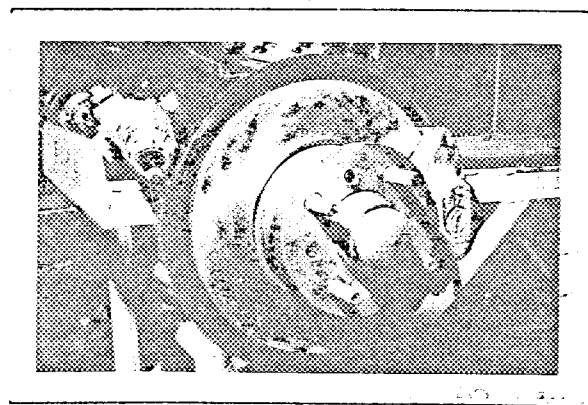
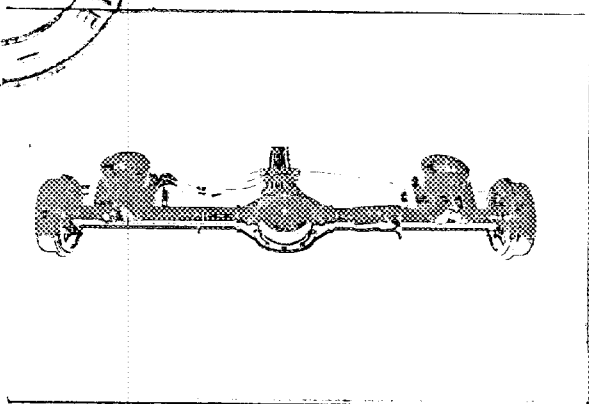
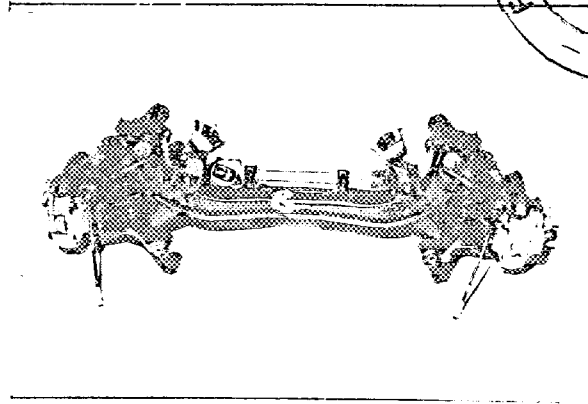


R.A.C. Stamp

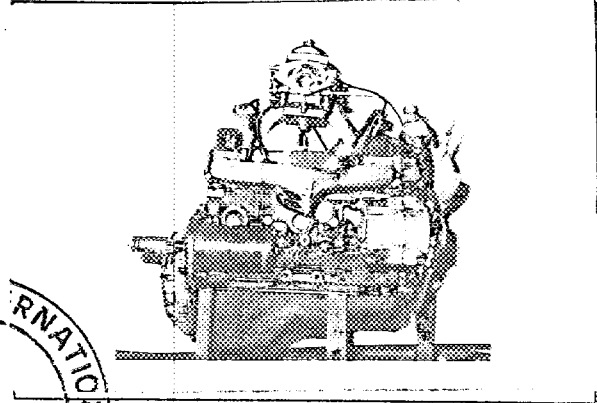
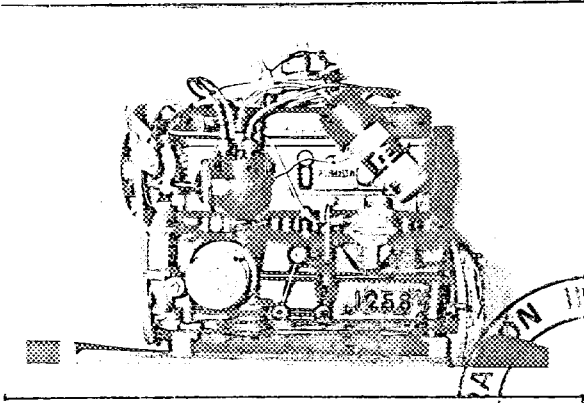
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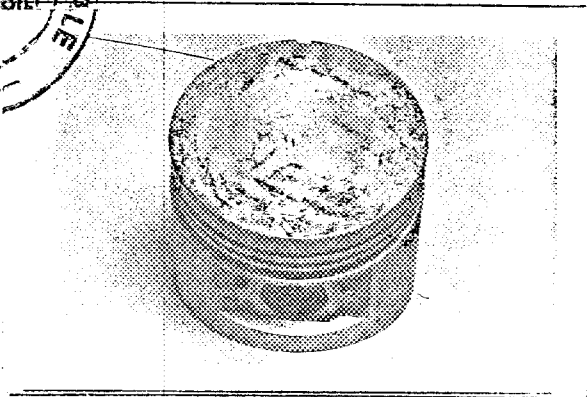
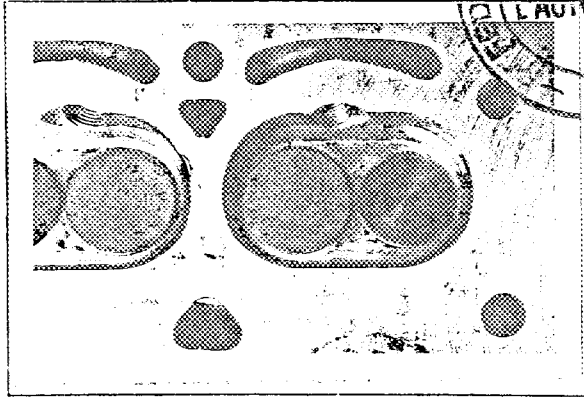
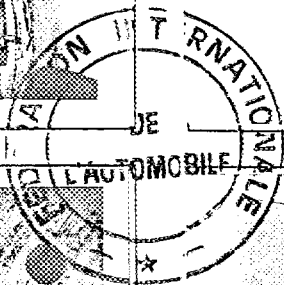
FEDERATION IIT
DE
L'AUTOMOBILE
★



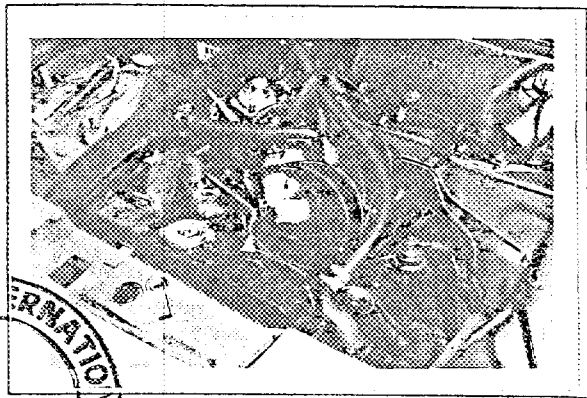
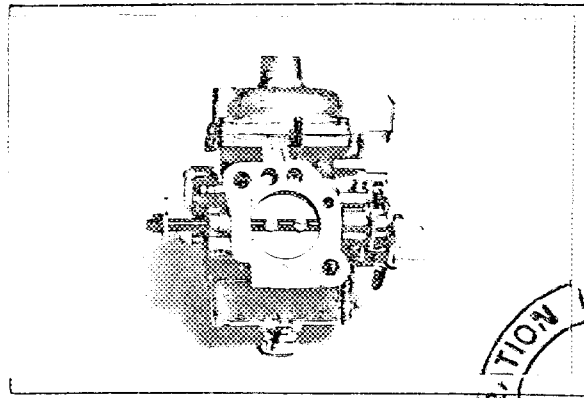
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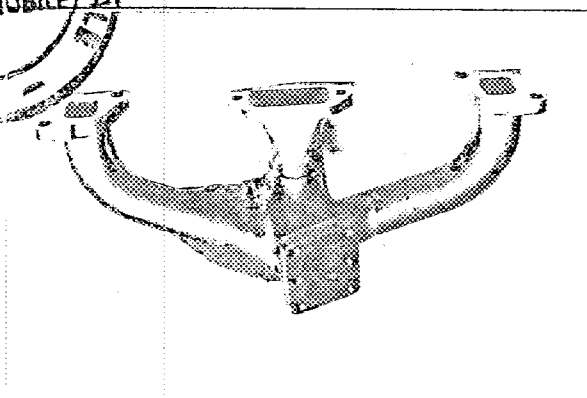
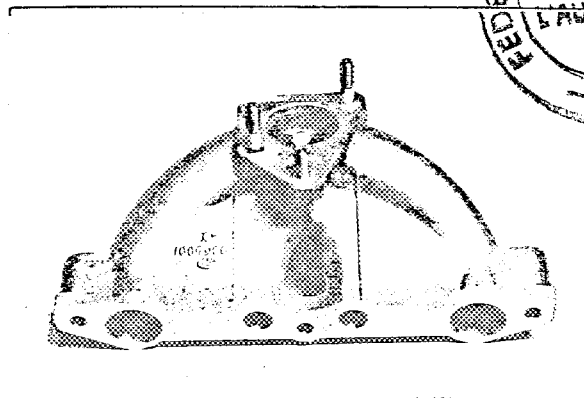
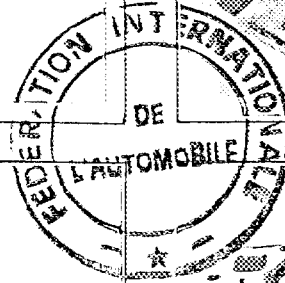
K



M



O



Q

J

L

N

P

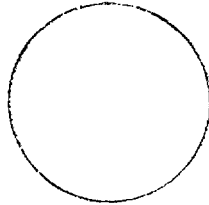
Make Vauxhall Motors

Model Chevette

F.I.A. Rec. No. 5596

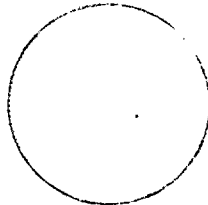
Insert Tolerances

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



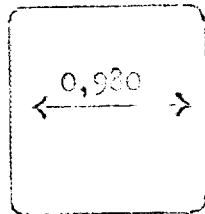
← 1,180 dia x 2

Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.

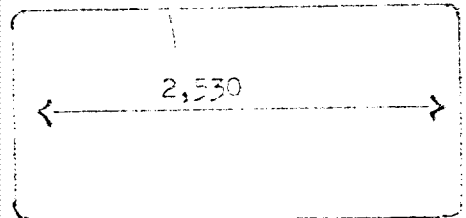


← 1,180 dia x 2

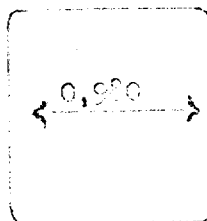
Drawing of exhaust manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



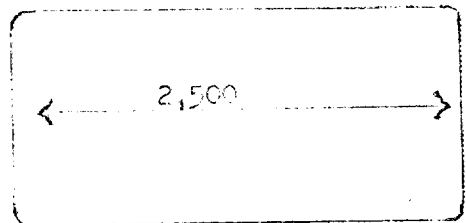
← 1,150



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



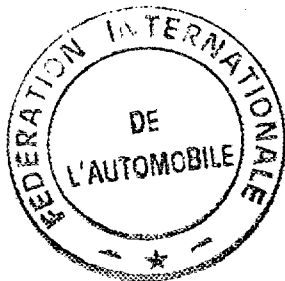
← 1,150



Tolerances

± 0,75 mm 0,030 ins

Exhaust emission equipment.
Port and manifold areas to be fully fettled.



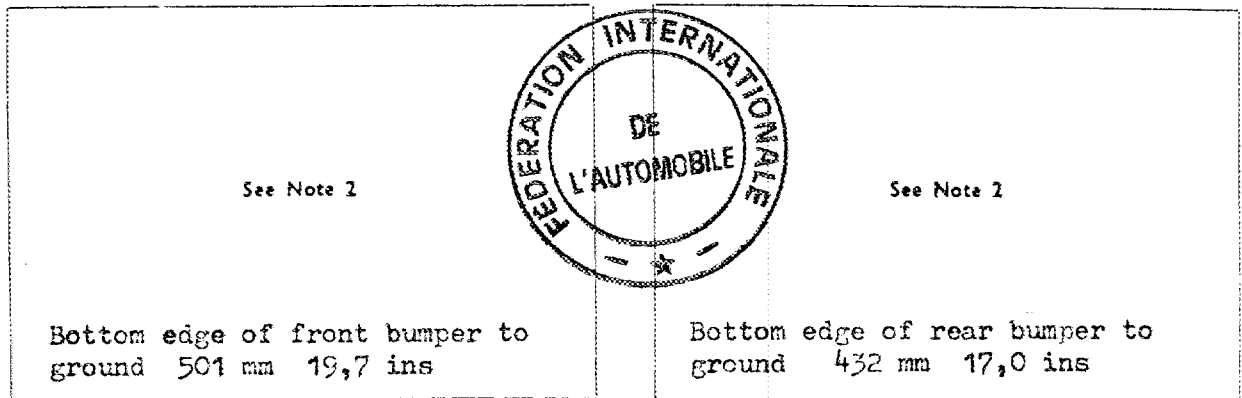
Make Vauxhall Motors Model Chevette F.I.A. Rec. No. 5596

NOTE 1.

All dimensions must be given in two measuring systems, see Note 3.

CAPACITIES AND DIMENSIONS

- | | | | | |
|----------------|------|-----|----|--------|
| 1. Wheelbase | 2392 | mm. | 94 | inches |
| 2. Front track | 1300 | mm. | 51 | inches |
| 3. Rear track | 1300 | mm. | 51 | inches |



- | | | | | | | | | |
|---|-----------|-------|------|------------|----------|------------|----|---------|
| 4. Overall length of the car | 394 | cm. | 155 | inches | | | | |
| 5. Overall width of the car | 158 | cm. | 62 | inches | | | | |
| 6. Overall height of the car | 131 | cm. | 51 | inches | | | | |
| 7. Capacity of fuel tank (reserve included) | 38 | ltrs. | 10.3 | gall. U.S. | 8.4 | gall. Imp. | | |
| 8. Seating Capacity. | 4/5 | | | | | | | |
| 9. Weight. Total weight of the car with normal equipment, water, oil, and spare wheel but without fuel or repair tools: | 879 | kg. | 1938 | lbs. | 17.3 | cwts. | | |
| 10. Width of the car measured at the axles | Front 158 | cm. | 62 | inches | Rear 158 | cm. | 62 | inches. |

NOTE 2.

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 recognisable 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.

NOTE 3.

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 sq. inch/pouce carre	— 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.

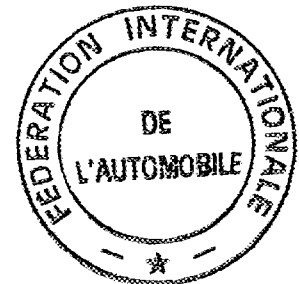
Make Vauxhall Motors

Model Chevette

F.I.A. Rec. No. 5596

CHASSIS AND COACHWORK (Photographs A, B and C)

- 20. Chassis/body construction ~~Xseparate~~/unitary construction
- 21. Unitary construction, material(s) Steel
- 22. Separate construction, Material(s) of chassis =
- 23. Material(s) of coachwork Steel
- 24. Number of doors 3 Material(s) Steel
- 25. Material(s) of bonnet Steel
- 26. Material(s) of boot lid Steel
- 27. Material(s) of rear-window Toughened glass
- 28. Material(s) of windscreen Toughened glass Laminated Available Yes
- 29. Material(s) of front-door windows Toughened glass
- 30. Material(s) of rear-door windows =
- 31. Sliding system of door windows Cable operated drop
- 32. Material(s) of rear-quarter light =



ACCESSORIES AND UPHOLSTERY

- 38. Interior heating : yes ~~X~~no
- 39. Air conditioning : ~~X~~yes — no
- 40. Ventilation : yes ~~X~~no
- 41. Front seats, type of seat and upholstery Frame PVC or cloth
- 42. Weight of front seat(s), complete with supports and rails, out of the car :

14,9	kg.	33	lbs.
------	-----	----	------
- 43. Rear seats, type of seat and upholstery Frame PVC or cloth
- 44. Front bumper, material(s) Steel Weight 2,3 kg. 5 lbs.
- 45. Rear bumper, material(s) Steel Weight 2,2 kg. 4,8 lbs.

WHEELS

- 50. Type Disc
- 51. Weight (per wheel, without tyre) 6,3 kg. 14 lbs.
- 52. Method of attachment Stud
- 53. Rim diameter 330 mm. 13 ins.
- 54. Rim width 127 mm. 5 ins.

STEERING

- 60. Type Rack and pinion
- 61. Servo-assistance : ~~X~~yes — no
- 62. Number of turns of steering wheel from lock to lock 3,5
- 63. In case of servo-assistance

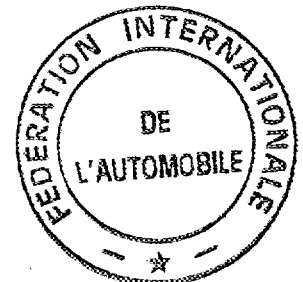
Make Vauxhall Motors

Model Chevette

F.I.A. Rec. No. 5596

SUSPENSION

- 70. Front suspension (photograph D), type Independent wishbone
- 71. Type of spring Helical coil
- 72. Stabiliser (if fitted) Torsion link
- 73. Number of shock absorbers 2
- 74. Type Hydraulic - double acting
- 78. Rear suspension (photograph E), type Live axle with torque tube and trailing arms
- 79. Type of spring Helical coil
- 80. Stabiliser (if fitted) Panhard rod
- 81. Number of shock absorbers 2
- 82. Type Hydraulic - double acting



BRAKES (photographs F and G)

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

	TWO FRONT	ONE REAR
93. Number of cylinders per wheel		
94. Bore of wheel cylinder(s)	48,0 mm. 1,89 inches	19,05 mm. 0,75 inches
95. Inside diameter	mm. inches	200 mm. 7,87 inches
96. Length of brake linings	mm. inches	182 mm. 7,17 inches
97. Width of brake linings	mm. inches	45 mm. 1,77 inches
98. Number of shoes per brake		
99. Total area per brake	mm. ² sq. in.	1639 mm. ² 25,4 sq. in.

Disc Brakes

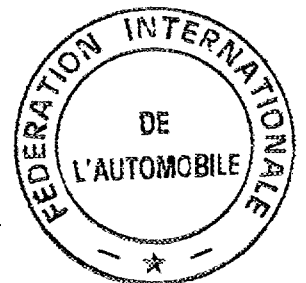
100. Outside diameter	238 mm. 9,37 inches	mm. inches
101. Thickness of disc	11 mm. 0,43 inches	mm. inches
102. Length of brake linings	mm. inches	mm. inches
103. Width of brake linings	Area 26 cm ² 4,03 sq. ins mm. inches	mm. inches
104. Number of pads per brake	2	
105. Total area per brake	520 mm. ² 8,06 sq. in.	mm. ² sq. in.

Make Vauxhall Motors Model Chevette

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ENGINE (photographs J and K)

- 130. Cycle 4 stroke
- 131. Number of cylinders 4
- 132. Cylinder Arrangement In line
- 133. Bore 80,97 mm. 3,192 in.
- 134. Stroke 60,96 mm. 2,4 in.
- 135. Capacity per cylinder 374,6 cm.³ 19,2 cu. in.
- 136. Total cylinder capacity 1258,5 cm.³ 76,8 cu. in.
- 137. Material(s) of cylinder block Chromium cast iron
- 138. Material(s) of sleeves (if fitted)
- 139. Cylinder head, material(s) Chromium cast iron Number fitted
- 140. Number of inlet ports 2
- 141. Number of exhaust ports 4 centre siamesed
- 142. Compression ratio 9,2
- 143. Volume of one combustion chamber 31,48 cm.³ 1,92 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 38,1 mm. 1,505 in.
- 147. Crankshaft: moulded/stamped
- 148. Type of crankshaft: integral/ Yes
- 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 3,1 ltrs. 5,5 pts. 3,2 quarts U.S.
- 153. Oil cooler: Yes/no
- 154. Method of engine cooling Water
- 155. Capacity of cooling system 5,8 ltrs. 10 pts. 6,12 quarts U.S.
- 156. Cooling fan (if fitted) dia. 30,5 cm. 12 in.
- 157. Number of blades of cooling fan 5
- Bearings (insert tolerances)
- 158. Crankshaft main, type Aluminium tin or copper lead dia. 54 m.m. 2,125 in.
- 159. Connecting rod big end, type Aluminium tin or copper lead dia. 46,4 m.m. 1,831 in.
- Weights (insert tolerances)
- 160. Flywheel (clean) 5 kg. 13 lbs.
- 161. Flywheel with clutch (all turning parts) 9,75 kg. 21,5 lbs.
- 162. Crankshaft 9,6 kg. 21,1 lbs.
- 163. Connecting rod 1,63 kg. 1,4 lbs.
- 164. Piston with rings and pin 0,45 kg. 1 lbs.
- 254. Reboring dimensions 0,04055. Total resultant cylinder capacity 1288 cm.³ 78,6 cu. in.
- 256. Volume of the combustion chamber in the head 31,48 cm.³ 1,92 cu. in.
- 257. Thickness of the head gasket after tightening 1,88 mm. 0,035 in.
- 258. Piston Dimension 80,7 mm. 3,18 mean



Make Vauxhall Motors Model Chevette

F.I.A. Rec. No. 5596

FOUR STROKE ENGINES

170. Number of camshafts One 171. Location Cylinder block
172. Type of camshaft drive Chain
173. Type of valve operation Push Rod

INLET (see page 4)*

180. Material(s) of inlet manifold Aluminium alloy
181. Diameter of valves 34,6 mm. 1,363 ins.
182. Max. valve lift 9,2 mm. 0,361 in. 183. Number of valve springs One
184. Type of spring Helical coil 185. Number of valves per cylinder One
186. Tappet clearance for checking timing (cold/warm) 0,203 mm. ,008 ins.
187. Valves open at (with tolerance for tappet clearance indicated) 39 DEG
188. Valves close at (with tolerance for tappet clearance indicated) 75 DEG
189. Air filter, type Paper element

EXHAUST (see page 4)*

195. Material(s) of exhaust manifold Cast iron
196. Diameter of valves 30,5 mm. 1,183 ins.
197. Max. valve lift 9,2 mm. 0,361 in. 198. Number of valve springs One
199. Type of spring Helical coil 200. Number of valves per cylinder One
201. Tappet clearance for checking timing (cold/warm) 0,203 mm. ,008 ins.
202. Valves open at (with tolerance for tappet clearance indicated) 71 DEG
203. Valves close at (with tolerance for tappet clearance indicated) 41 DEG
204. Diameter outlet orifice exhaust manifold 31,75 mm. 1,25 ins. x 2

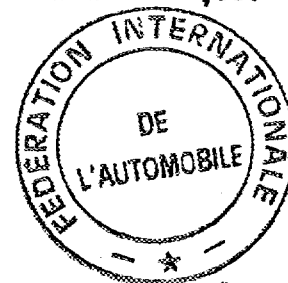
CARBURETION (photograph N)

210. Number of carburettors fitted One 211. Type Variable choke
212. Make Zenith Stromberg 213. Model 150 CCG
214. Number of mixture passages per carburettor Single venturi
215. Flange hole diameter of exit port(s) of carburettor 30,1 mm. 1,50 ins.
216. Minimum diameter of venturi/minimum diam., with piston at maximum height (example : SU) 25,4 mm. 1 ins.

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. ins.

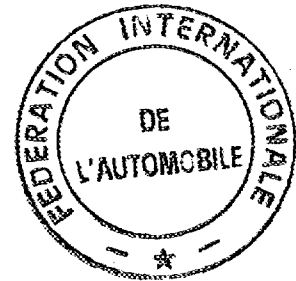
* For additional information concerning two-stroke engines and super-charged engines, see page 13.



Make Vauxhall Motors Model Chevette F.I.A. Rec. No. 5596

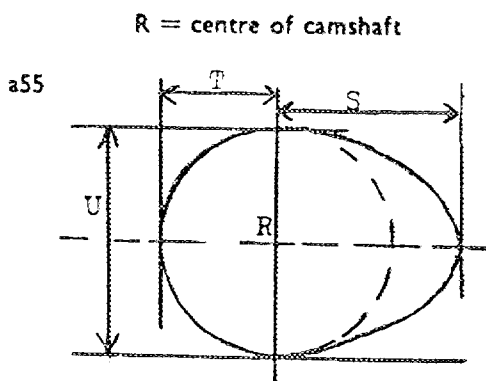
ENGINE ACCESSORIES

230. Fuel pump : mechanical ~~and/or electrical~~
231. No. fitted One
232. Type of ignition system Coil
233. No. of distributors One
234. No. of ignition coils One
235. No. of spark plugs per cylinder One
236. Generator, type : ~~Dynamo~~/alternator—number fitted One
237. Method of drive Belt
238. Voltage of generator 12 volts
239. Battery, number One
240. Location Engine compartment
241. Voltage of battery 12 volts



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

250. Max. engine output 69 (type of horsepower: CV or PS) at 5750 r.p.m.
251. Max. r.p.m. 6000 output at that figure Not quoted
252. Max. torque 9,96 KPM at 4000 r.p.m.
253. Max. speed of the car km./hour miles/hour
NOT PUBLISHED



Inlet cam

S =	19,84	mm.	,781	inches
T =	13,74	mm.	,541	inches
U =	27,69	mm.	1,082	inches

Exhaust cam

S =	19,84	mm.	,781	inches
T =	13,74	mm.	,541	inches
U =	27,69	mm.	1,082	inches

Make Vauxhall Motors Model Chevette F.I.A. Rec. No. 5596

DRIVE TRAIN

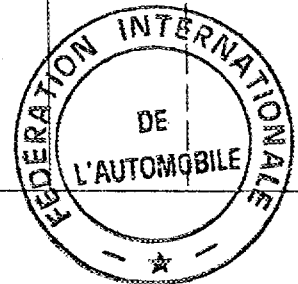
CLUTCH

260. Type of clutch Diaphragm spring 261. No. of plates One
262. Dia. of clutch plates 18,41 cm. 7,25 ins.
263. Dia. of linings, inside 12,7 cm. 5 ins.
- outside 18,41 cm. 7,25 ins.
264. Method of operating clutch cable

GEAR BOX (photograph H)

270. Manual type, make Vauxhall Method of operation Lever
271. No. of gear-box ratios forward 4 272. Synchronized forward ratios 4
273. Location of gear-shift Floor, central
274. Automatic, make _____ type
275. No. 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	3,46-1							
2	2,213-1							
3	1,404-1							
4	Direct							
5								
6								
reverse	3,707-1							

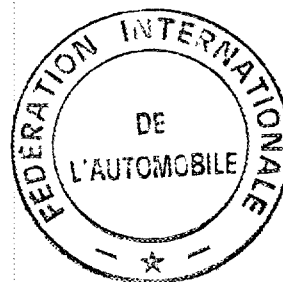


278. Overdrive, type _____
279. Forward gears on which overdrive can be selected _____
280. Overdrive ratio _____

FINAL DRIVE

290. Type of final drive Hypoid 291. Type of differential 2 pinion
292. Type of limited slip differential (if fitted in series-production) _____
293. Final drive ratio 4,111-1 Number of teeth 9/37

5596



IMPORTANT :

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

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

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

~~_____~~
~~_____~~
~~_____~~
~~_____~~
~~_____~~



MOTOR SPORT DIVISION
The Royal Automobile Club
 31 Belgrave Square, London SW1X 8QH

Manufacturer VAUXHALL MOTORS LTD.
 Model CHEVETTE
 F.I.A. Recognition No. 5596
 Amendment No. 01/01V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

VALID IN GROUP ONE.....

No.

Reference No.

277

ALTERNATIVE GEARBOX RATIOS • MANUAL.

2,86	1st	(24/15 x 25/14)
1,68	2nd	(24/15 x 20/19)
1,24	3rd	(24/15 x 17/22)
1,00	4th	
3,70	R	(as std)



-1. APR 1980

Date amendment is valid from.....

Stamp of F.I.A./R.A.C.



MOTOR SPORT DIVISION
The Royal Automobile Club
31 Belgrave Square, London SW1X 8QH

Manufacturer VAUXHALL MOTORS LTD.
 Model CHEVETTE
 F.I.A. Recognition No. 5596
 Amendment No. 02/02V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

VALID IN GROUP TWO

No.	Reference No.
293	OPTIONAL AXLE RATIOS.
	4,11 4,37 4,62
	(9/37) (8/35) (8/37)

"valable en Groupe 2 uniquement"
 "valid for Group 2 only"



Date amendment is valid from -1. AVR. 1980

Stamp of F.I.A./R.A.C.



FEDERATION INTERNATIONALE DE L'AUTOMOBILE

VAUXHALL - CHEVETTE

MARQUE ET MODELE

7/95 - 12/81

VALIDITE HOMOLOGATION

5596

FICHE NR.

1 / 1300

GROUPE / CLASSE

EXTENSIONS	DEBUT VALIDITE	DESCRIPTION	NOTES
01/01v	4/80	RAPPORTS	
02/02v	4/80	COUPLE FINAL	

Autres homologations du modèle 5596 TRANSFERT A

Vérifiée le 23/2/96 par [Signature] visée ce jour le _____ par _____