

F.I.A. Recognition No. 244
Group 4 - Sports cars



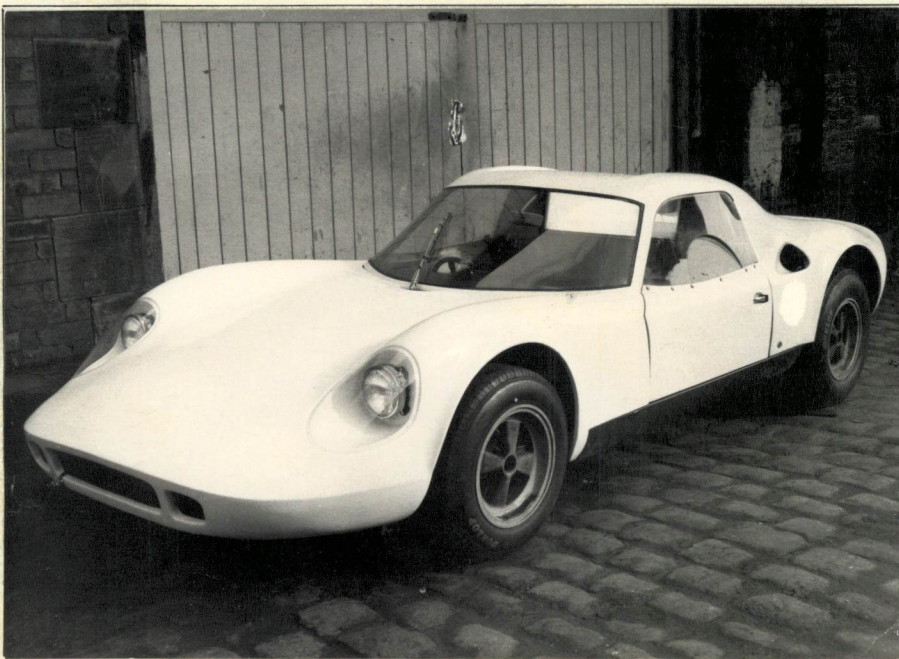
ROYAL AUTOMOBILE CLUB

31, Belgrave Square, London, S.W.1

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

Cylinder-capacity 1990 cm.³ 121.34 in.³
Manufacturer Chevron Cars, Derek Bennett Eng. Ltd Model CHEVRON G.T.
Serial No. of chassis/body CH/DBE 01 onwards Manufacturer Chevron Cars, Derek Bennett Eng. Ltd.
Serial No. of engine CH/DBE 01 onwards Manufacturer Chevron Cars, Derek Bennett Eng. Ltd.
Recognition is valid from 1st May 1968 List 1968/6
The manufacturing of the model described in this recognition form started on 1st. March 1967
and the minimum production of 50 identical cars, in accordance with the specifications of
this form was reached on by 29th. February 1968

Photograph A, ¾ view of car from front



R.A.C. Stamp

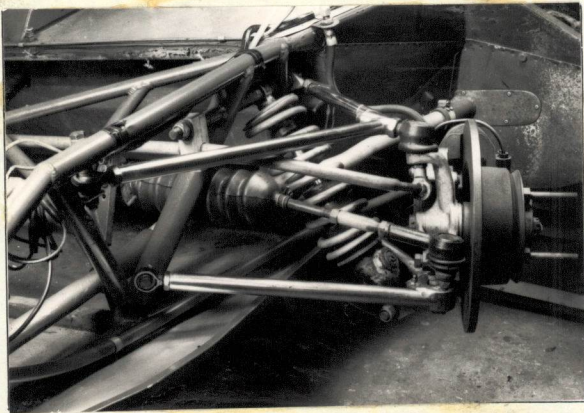
B



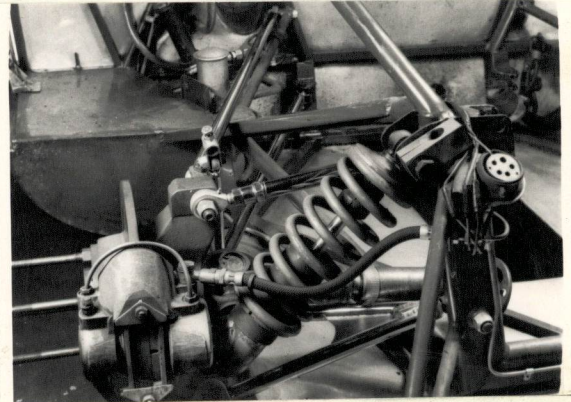
interior view of car through driver's door (open or removed)

C

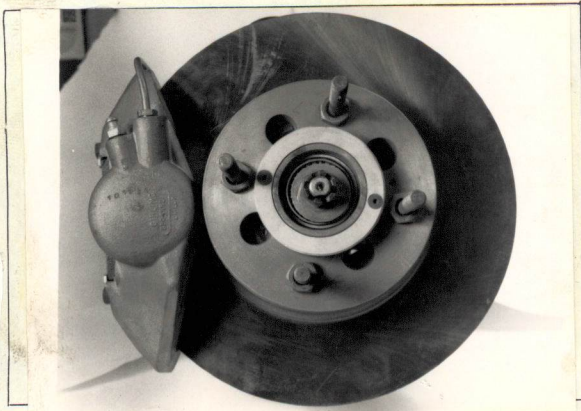
D



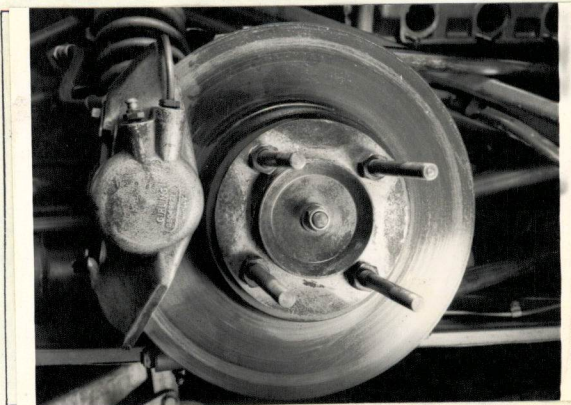
E



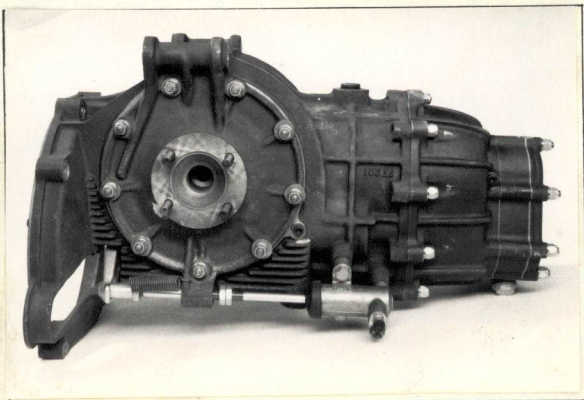
F



G

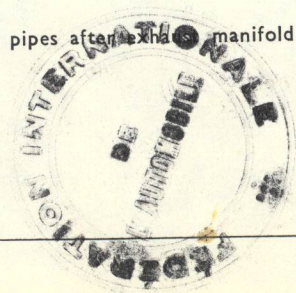


H

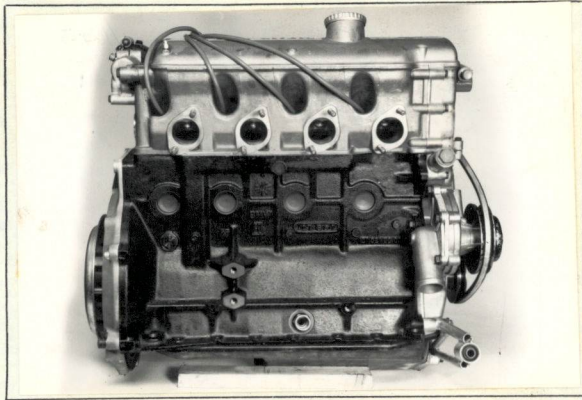


silencer + exhaust pipes after 2nd manifold

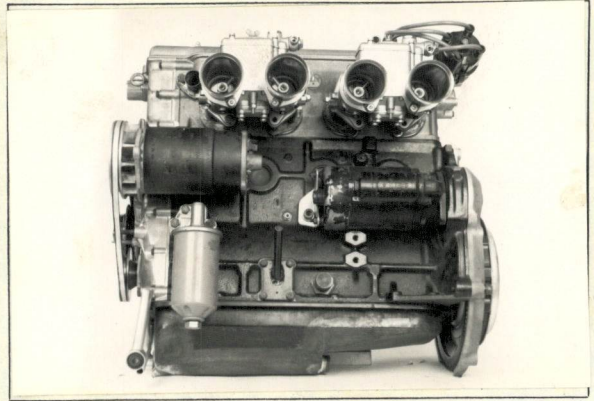
I



J



K



L

combustion chamber

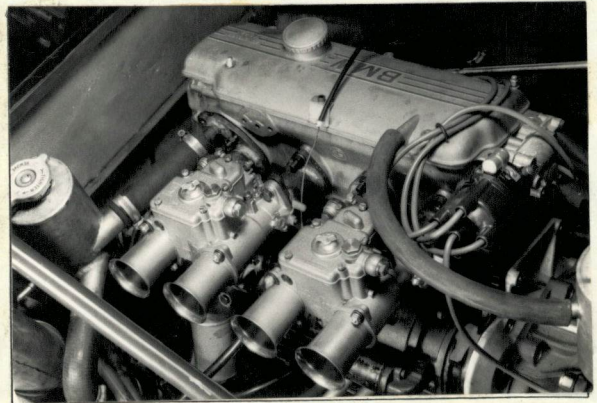
M

piston crown

N

Carburettor (view from side of manifold)

O



P

inlet manifold

Q

exhaust manifold



Make CHEVRON

Model CHEVRON. G.T

F.I.A. Rec. No.

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

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

Drawing of 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 CHEVRON

Model CHEVRON G.T

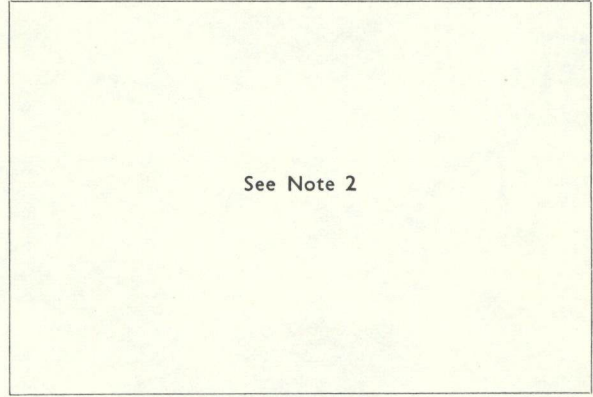
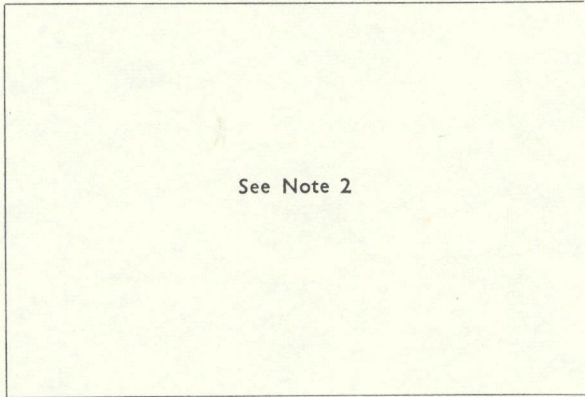
F.I.A. Rec. No.

NOTE 1.

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

CAPACITIES AND DIMENSIONS

- | | | | |
|----------------|-----------------------|----------|-----------|
| 1. Wheelbase | { + 25.0 m.m. 1.00in. | 2337 mm. | 92 inches |
| 2. Front track | { + 25.0 m.m. 1.00in. | 1321 mm. | 52 inches |
| | | 2337 mm. | 92 inches |
| | | 1321 mm. | 52 inches |



- | | | | |
|--|---------|------------|------------|
| 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. Capacity of fuel tank (reserve included) | ltrs. | gall. U.S. | gall. Imp. |
| 8. Seating Capacity. | | | |
| 9. Weight. Total weight of the car with normal equipment, water, oil, and spare wheel but without fuel or repair tools : | 575 kg. | 1268 lbs. | 11.3 cwt. |

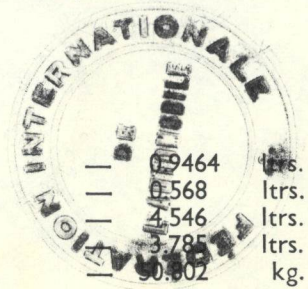
NOTE 2.

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.) | — 90.702 | kg. |



Make **CHEVRON**

Model **CHEVRON G.T.**

F.I.A. Rec. No.

CHASSIS AND COACHWORK (Photographs A, B and C)

- | | |
|--|--------------------------------|
| 20. Chassis/body construction: separate/unitary construction | Seperate |
| 21. Unitary construction, material(s) | _____ |
| 22. Separate construction, Material(s) of chassis | Steel and Aluminium Alloy |
| 23. Material(s) of coachwork | Glass Fibre reinforced plastic |
| 24. Number of doors 2 Material(s) | Glass Fibre reinforced plastic |
| 25. Material(s) of bonnet | Glass Fibre reinforced plastic |
| 26. Material(s) of boot lid | Glass Fibre reinforced plastic |
| 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

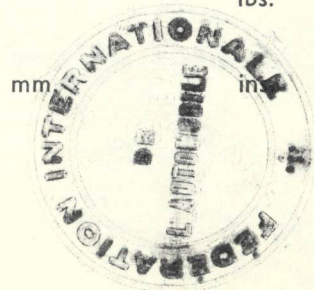
- | | |
|---|--|
| 38. Interior heating : yes — no | 39. Air conditioning : yes — no |
| 40. Ventilation : yes — no | 41. Front seats, type of seat and upholstery |
| 42. Weight of front seat(s), complete with supports and rails, out of the car : | |
| | kg. lbs. |
| 43. Rear seats, type of seat and 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. | ins. 54. Rim width mm. ins. |

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 CHEVRON

Model CHEVRON G.T.

F.I.A. Rec. No.

SUSPENSION

- 70. Front suspension (photograph D), type Unequal length double wishbone
- 71. Type of spring Coil
- 72. Stabiliser (if fitted)
- 73. Number of shock absorbers 74. Type
- 78. Rear suspension (photograph E), type Bottom wishbone with top link and dual radius arms.
- 79. Type of spring Coil
- 80. Stabiliser (if fitted)
- 81. Number of shock absorbers 82. Type

BRAKES (photographs F and G)

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

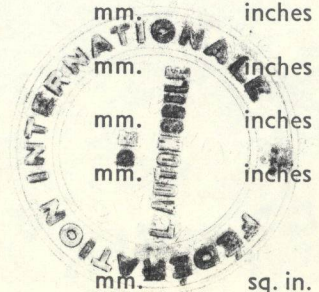
| | FRONT | | REAR | |
|-----------------------------------|-------|--------|------|--------|
| 93. Number of cylinders per wheel | | | | |
| 94. Bore of wheel cylinder(s) | mm. | inches | mm. | inches |

Drum Brakes

| | | | | |
|-------------------------------|------------------|---------|------------------|---------|
| 95. Inside diameter | mm. | inches | mm. | inches |
| 96. Length of brake linings | mm. | inches | mm. | inches |
| 97. Width of brake linings | mm. | inches | mm. | inches |
| 98. Number of shoes per brake | | | | |
| 99. Total area per brake | mm. ² | sq. in. | mm. ² | sq. in. |

Disc Brakes

| | | | | |
|-------------------------------|------------------|---------|------------------|---------|
| 100. Outside diameter | mm. | inches | mm. | inches |
| 101. Thickness of disc | mm. | inches | mm. | inches |
| 102. Length of brake linings | mm. | inches | mm. | inches |
| 103. Width of brake linings | mm. | inches | mm. | inches |
| 104. Number of pads per brake | | | | |
| 105. Total area per brake | mm. ² | sq. in. | mm. ² | sq. in. |



Make CHEVRON Model Chevron G.T. F.I.A. Rec. No. _____

ENGINE (photographs J and K)

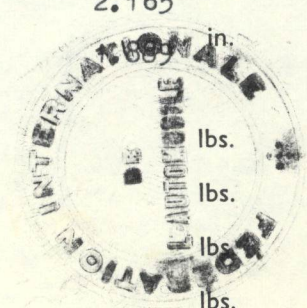
- | | | | |
|---|-------------------------|---|--|
| 130. Cycle | Four stroke | 131. Number of cylinders | 4 |
| 132. Cylinder Arrangement | In line vertical | | |
| 133. Bore | 89 mm. 3.51 in. | 134. Stroke | 79.9 mm. 3.15 in. |
| 135. Capacity per cylinder | | | 497.5 cm.³ 30.33 cu. in. |
| 136. Total cylinder capacity | | | 1998 cm.³ 121.34 cu. in. |
| 137. Material(s) of cylinder block | Cast iron | 138. Material(s) of sleeves (if fitted) | N/A |
| 139. Cylinder head, material(s) | Aluminium Alloy | Number fitted | 1 |
| 140. Number of inlet ports | 4 | 141. Number of exhaust ports | 4 |
| 142. Compression ratio | | | |
| 143. Volume of one combustion chamber | | | cm.³ cu. in. |
| 144. Piston, material | | 145. Number of rings | |
| 146. Distance from gudgeon pin centre line to highest point of piston crown | | | mm. in. |
| 147. Crankshaft : moulded/stamped | Forged | 148. Type of crankshaft: integral/..... | Yes |
| 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 | ltrs. | pts. | quarts U.S. |
| 153. Oil cooler : yes/no | | 154. Method of engine cooling | |
| 155. Capacity of cooling system | ltrs. | pts. | quarts U.S. |
| 156. Cooling fan (if fitted) dia. | | | cm. in. |
| 157. Number of blades of cooling fan | | | |

Bearings

- | | | | | | | |
|-----------------------------------|---------------------------|------|-----------|------|--------------|-----|
| 158. Crankshaft main, type | Steel backed shell | dia. | 55 | m.m. | 2.165 | in. |
| 159. Connecting rod big end, type | Steel backed shell | dia. | 48 | m.m. | 1.89 | in. |

Weights

- | | | | | | | |
|---|-----|------|---------------------|-----|--|------|
| 160. Flywheel (clean) | | | | kg. | | lbs. |
| 161. Flywheel with clutch (all turning parts) | | | | kg. | | lbs. |
| 162. Crankshaft | kg. | lbs. | 163. Connecting rod | kg. | | lbs. |
| 164. Piston with rings and pin | | | | kg. | | lbs. |



Make CHEVRON

Model CHEVRON G.T.

F.I.A. Rec. No.

FOUR STROKE ENGINES

170. Number of camshafts 1 171. Location Cylinder head
172. Type of camshaft drive Chain
173. Type of valve operation Cantilever direct to camshaft

INLET (see page 4)*

180. Material(s) of inlet manifold
181. Diameter of valves mm. ins.
182. Max. valve lift mm. in. 183. Number of valve springs
184. Type of spring 185. Number of valves per cylinder 1
186. Tappet clearance for checking timing (cold) mm. ins.
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. ins.
197. Max. valve lift mm. in. 198. Number of valve springs
199. Type of spring 200. Number of valves per cylinder 1
201. Tappet clearance for checking timing (cold) mm. ins.
202. Valves open at (with tolerance for tappet clearance indicated)
203. Valves close at (with tolerance for tappet clearance indicated)

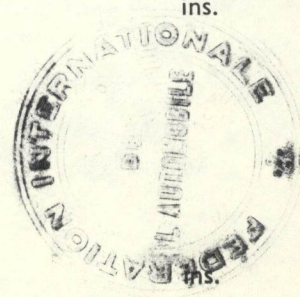
CARBURETION (photograph N)

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. ins.
216. Minimum diameter of venturi/minimum diam., with piston at maximum height (example : SU) mm. 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.

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



Make CHEVRON

Model CHEVRON.G.T.

F.I.A. Rec. No.

ENGINE ACCESSORIES

230. Fuel pump : mechanical and/or electrical

231. No. fitted

232. Type of ignition system

233. No. of distributors

234. No. of ignition coils

235. No. of spark plugs per cylinder

236. Generator, type : dynamo/alternator—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)

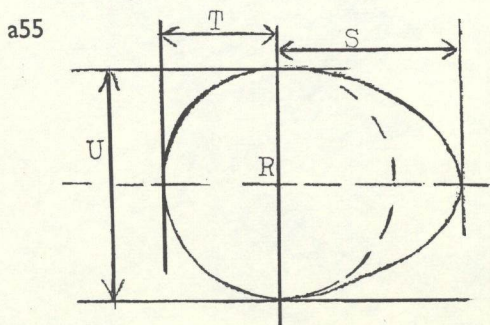
250. Max. engine output (type of horsepower:) at r.p.m.

251. Max. r.p.m. output at that figure

252. Max. torque at r.p.m.

253. Max. speed of the car km./hour miles/hour

R = centre of camshaft

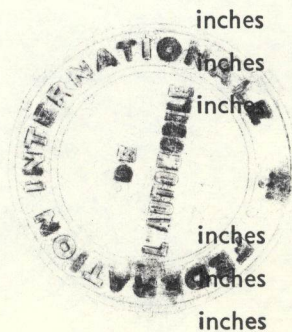


Inlet cam

S = mm.
T = mm.
U = mm.

Exhaust cam

S = mm.
T = mm.
U = mm.



Make **CHEVRON**

Model **CHEVRON G.T.** F.I.A. Rec. No.

DRIVE TRAIN

CLUTCH

- 260. Type of clutch
- 261. No. of plates
- 262. Dia. of clutch plates cm. ins.
- 263. Dia. of linings, inside cm. ins.
- outside cm. ins.
- 264. Method of operating clutch

GEAR BOX (photograph H)

- 270. Manual type, make **Hewland** Method of operation **Rods and links**
- 271. No. of gear-box ratios forward **5** 272. Synchronized forward ratios **None**
- 273. Location of gear-shift
- 274. Automatic, make **N/A** type
- 275. No. of forward ratios **N/A** 276. Location of gear shift

| 277. | Manual | | Automatic | | Alternative manual/automatic | | | |
|---------|--------|-----------|-----------|-----------|------------------------------|-----------|-------|-----------|
| | Ratio | No. teeth | Ratio | No. teeth | Ratio | No. teeth | Ratio | No. teeth |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| reverse | | | | | | | | |

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

FINAL DRIVE

- 290. Type of final drive **Spiral bevel** 291. Type of differential **Limited slip**
- 292. Type of limited slip differential (if fitted) **Cam and plunger**
- 293. Final drive ratio Number of teeth



Make **CHEVRON** Model **CHEVRON G.T.** F.I.A. Rec. No.

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, 186, 187, 188, 189, 201, 202, 203, 212, 213, 215, 216 222, 225, 230, 250, 251, 252, 253, 255 photographs I, M and N and page 4.

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.

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, S.W.1

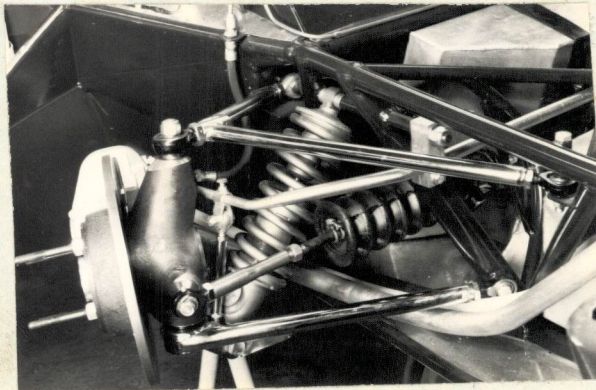
Manufacturer CHEVRON CARS
Model CHEVRON G.T.
F.I.A. Recognition No. 244 1/IV
Amendment No.

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.



Front suspension Upright

Date amendment is valid from 1/4/1969

Liste 69/2

