

F.I.A. Recognition No. 255
Group V

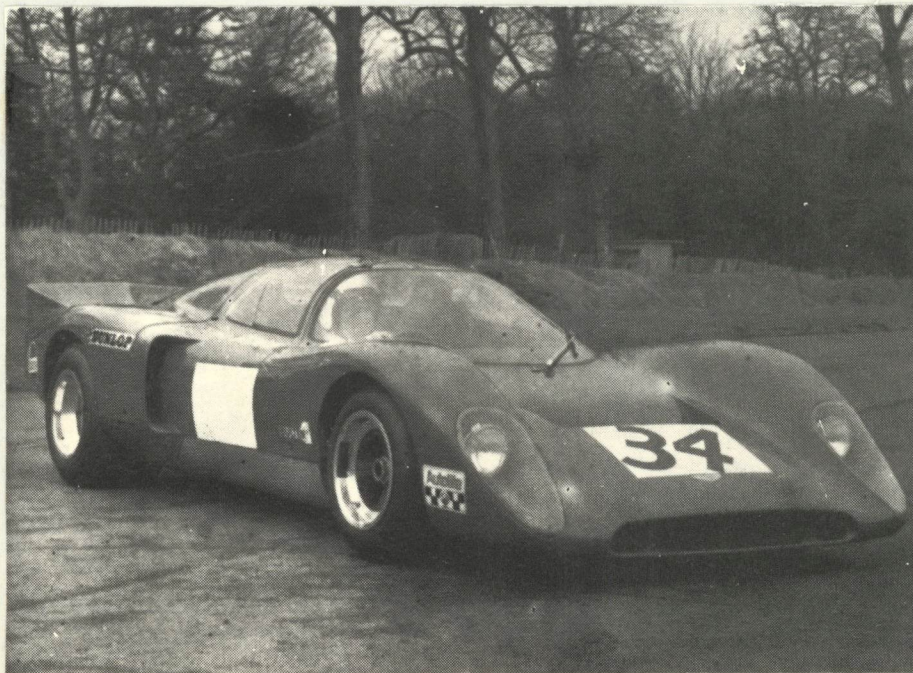
ROYAL AUTOMOBILE CLUB

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

Manufacturer CHEVRON CARS Cylinder-capacity 1790 cm.³ 109.24 in.³
Serial No. of chassis/body DBE B16-1 onwards Model B16
Serial No. of engine FVC 79002 onwards Manufacturer CHEVRON CARS
Recognition is valid from 1/7/70 Manufacturer Cosworth Engineering Ltd
List 70/7
The manufacturing of the model described in this recognition form started on 1st September 1969
and the minimum production of 25 identical cars, in accordance with the specifications of
this form was reached on 18 May 1970

Photograph A, $\frac{3}{4}$ view of car from front

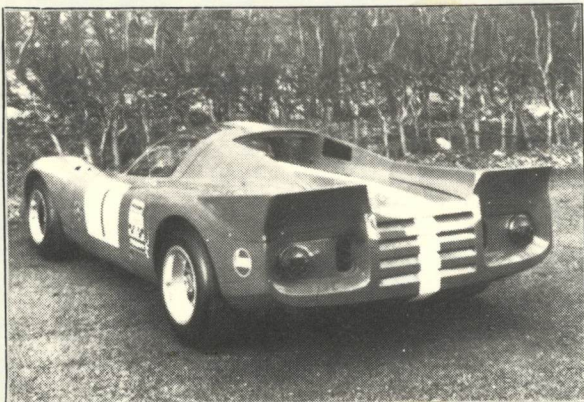


F.I.A. Stamp

R.A.C. Stamp



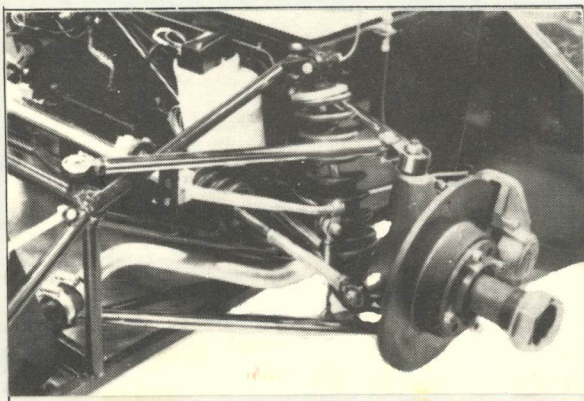
B



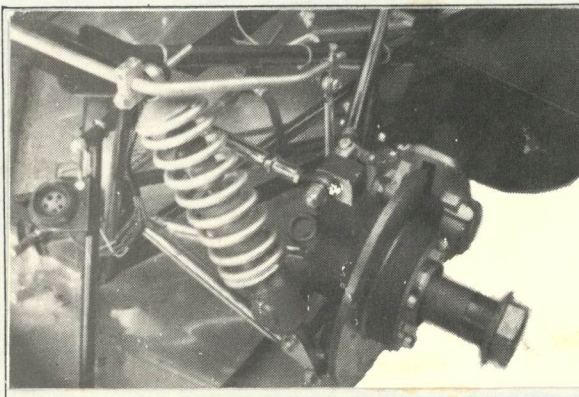
interior view of car through driver's door (open
or removed)

C

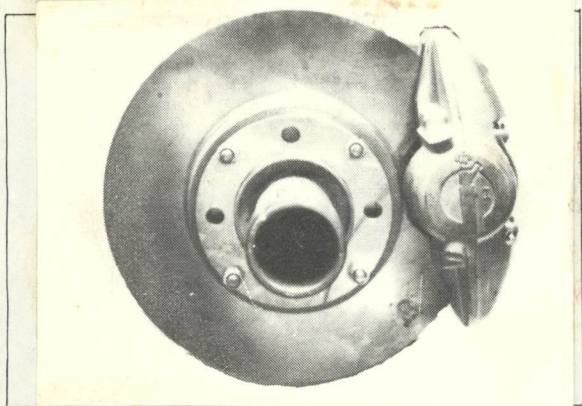
D



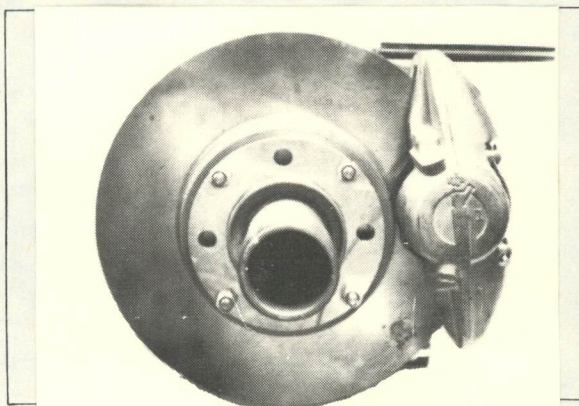
E



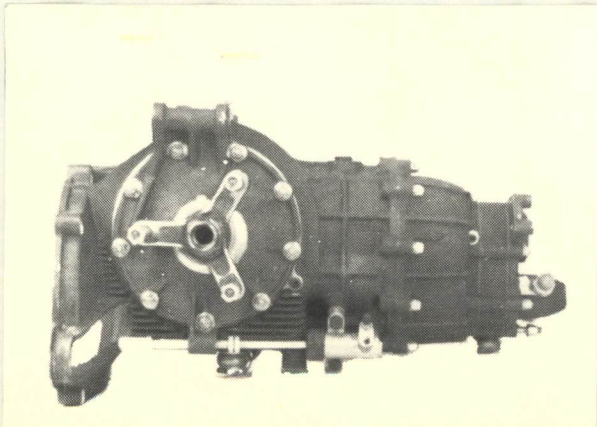
F



G

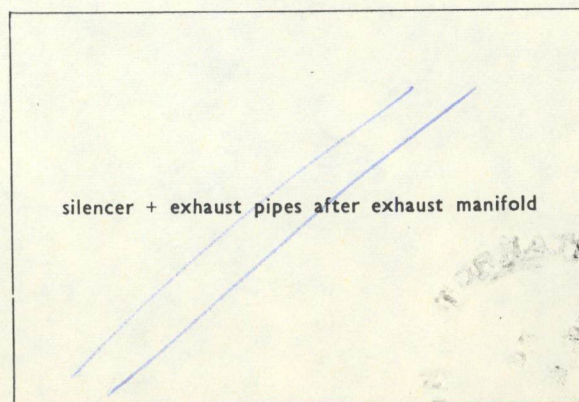


H

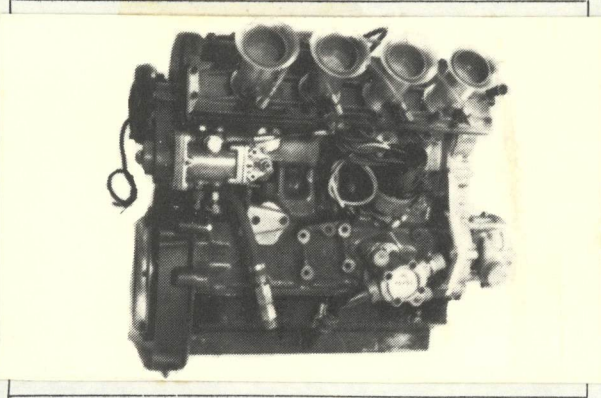


silencer + exhaust pipes after exhaust manifold

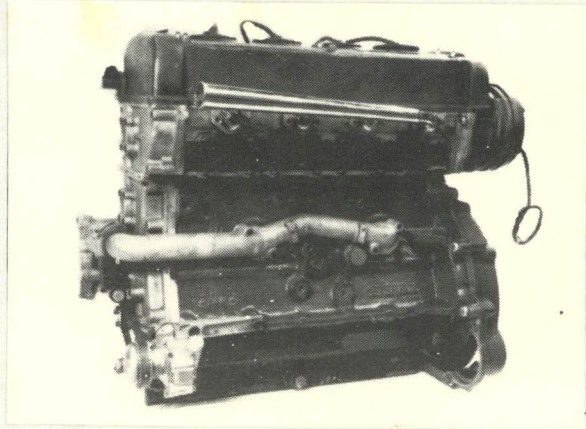
I



J



K

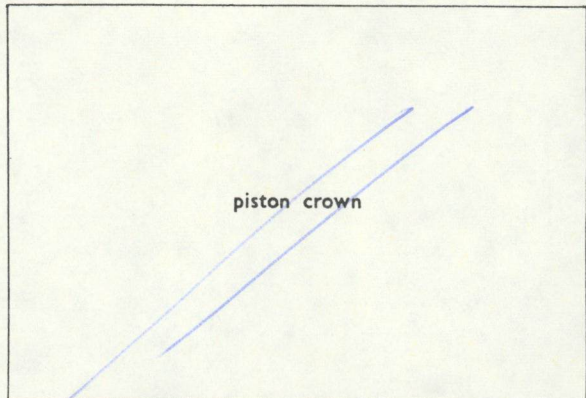


L



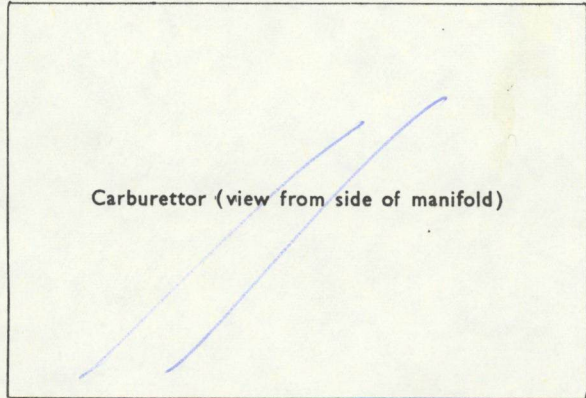
combustion chamber

M



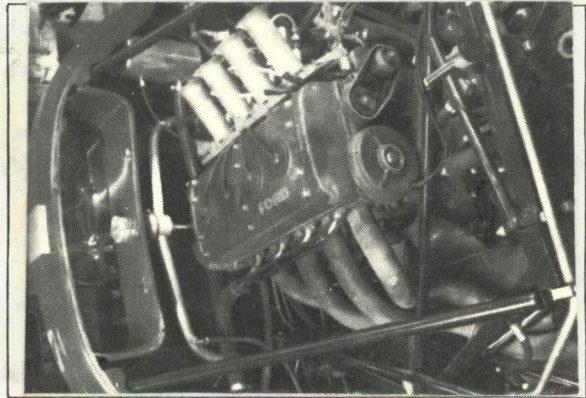
piston crown

N

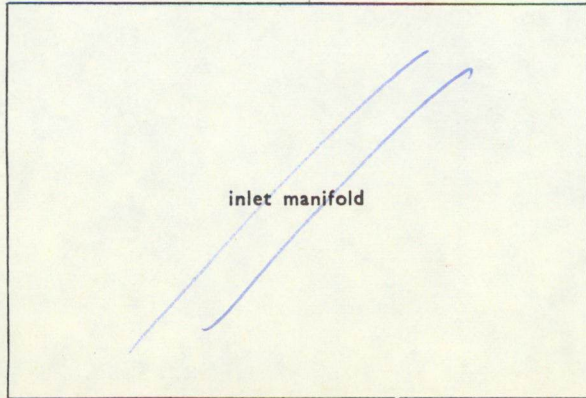


Carburettor (view from side of manifold)

O

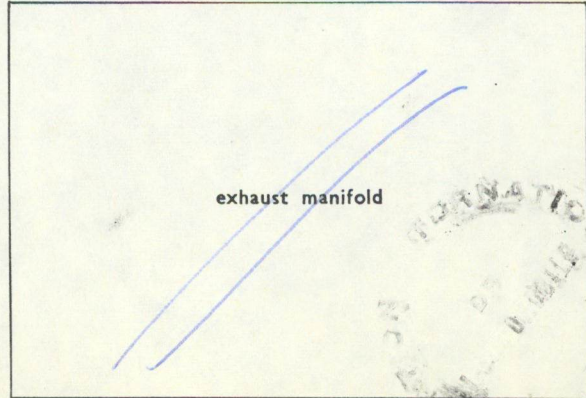


P



inlet manifold

Q



exhaust manifold

Make CHEVRON

Model B16

F.I.A. Rec. No. 255

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.

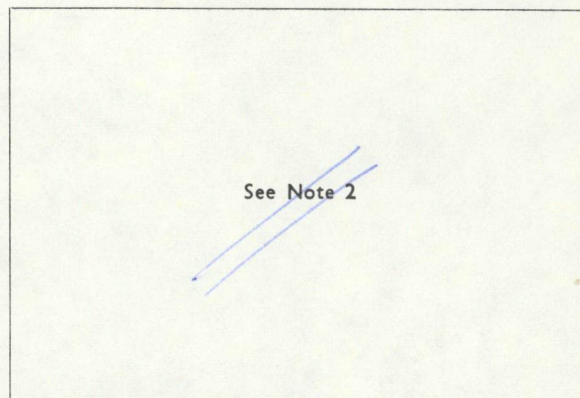
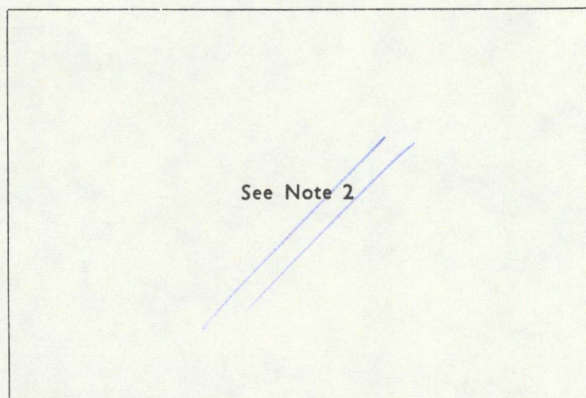


NOTE 1.

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

CAPACITIES AND DIMENSIONS

1. Wheelbase	{ + 25.00mm.	1.00 in.	2,340	mm.	93	inches
	{ - 25.00mm.	1.00 in.				
2. Front track	{ + 25.00mm.	1.00 in.	3. Rear track	{ + 25.00mm.	1.0	ins.
	{ - 25.00mm.	1.00 in.		{ - 25.00mm.		
	1,346	mm.	53	inches	1,345	mm.
					53	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.)	— 50.802	kg.

Make **CHEVRON**Model **B16**F.I.A. Rec. No. **255****CHASSIS AND COACHWORK (Photographs A, B and C)**

20. Chassis/body construction: separate/unitary construction
21. Unitary construction, material(s)
22. Separate construction, Material(s) of chassis
23. Material(s) of coachwork
24. Number of doors ² Material(s)
25. Material(s) of bonnet
26. Material(s) of boot lid
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

Seperate

Steel/Aluminium

Glass fibre reinforced plastic

Glass fibre reinforced plastic

Glass fibre reinforced plastic

Glass fibre reinforced plastic

ACCESSORIES AND UPHOLSTERY

38. Interior heating : yes — no
40. Ventilation : yes — no
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.
39. Air conditioning : yes — no
41. Front seats, type of seat and upholstery

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 **CHEVROLET**Model **B16**F.I.A. Rec. No. **255****ENGINE** (photographs J and K)

130. Cycle	Four Stroke	131. Number of cylinders	Four
132. Cylinder Arrangement	In Line		
133. Bore	85.6 mm. 3.373 in.	134. Stroke	77.6 mm. 3.056 in.
135. Capacity per cylinder			447.5 cm. ³ 27.31 cu. in.
136. Total cylinder capacity			1790 cm. ³ 109.24 cu. in.
137. Material(s) of cylinder block	Iron	138. Material(s) of sleeves (if fitted)	
139. Cylinder head, material(s)	Aluminium	Number fitted	1
140. Number of inlet ports	8	141. Number of exhaust ports	8
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	Steel		
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.	53.975	m.m.	2.125	in.
159. Connecting rod big end, type	Steel backed shell	dia.	49.200	m.m.	1.9370	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 **B16**

F.I.A. Rec. No.

255**FOUR STROKE ENGINES**

170. Number of camshafts **2** 171. Location **Cylinder Head**
172. Type of camshaft drive **Gear**
173. Type of valve operation **Direct from camshafts on inverted buckets**

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
186. Tappet clearance for checking timing (cold/warm) 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
201. Tappet clearance for checking timing (cold/warm) mm. ins.
202. Valves open at (with tolerance for tappet clearance indicated)
203. Valves close at (with tolerance for tappet clearance indicated)
204. Diameter outlet orifice exhaust manifold mm. ins.

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. ins.

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

Make **CHEVRON**Model **B16**F.I.A. Rec. No. **255****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

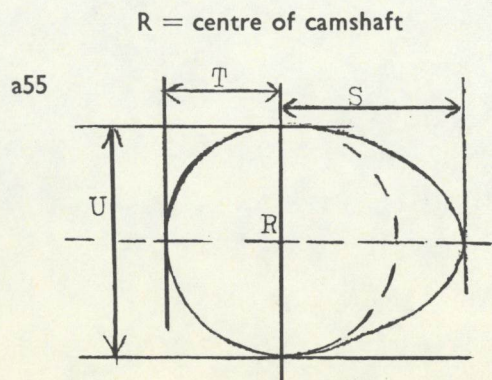
ENGINE AND CAR PERFORMANCES (as declared by manufacturer in catalogue)

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

**Inlet cam**

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

Exhaust cam

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

Make **CHEVRON**Model **B16**F.I.A. Rec. No. **255****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
273. Location of gear-shift
274. Automatic, make 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 in series-production) **Cam and Plunger**
293. Final drive ratio Number of teeth

Make **CHEVROLET**

Model **B 16**

F.I.A. Rec. No. **255**

IMPORTANT :

During the scrutineering of cars entered in group 5 (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.

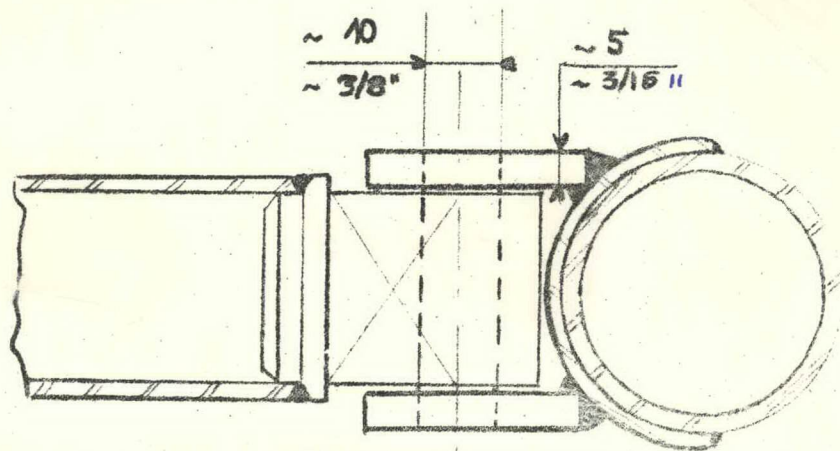
The vehicle described in this form has been subject to the following amendments :

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.....

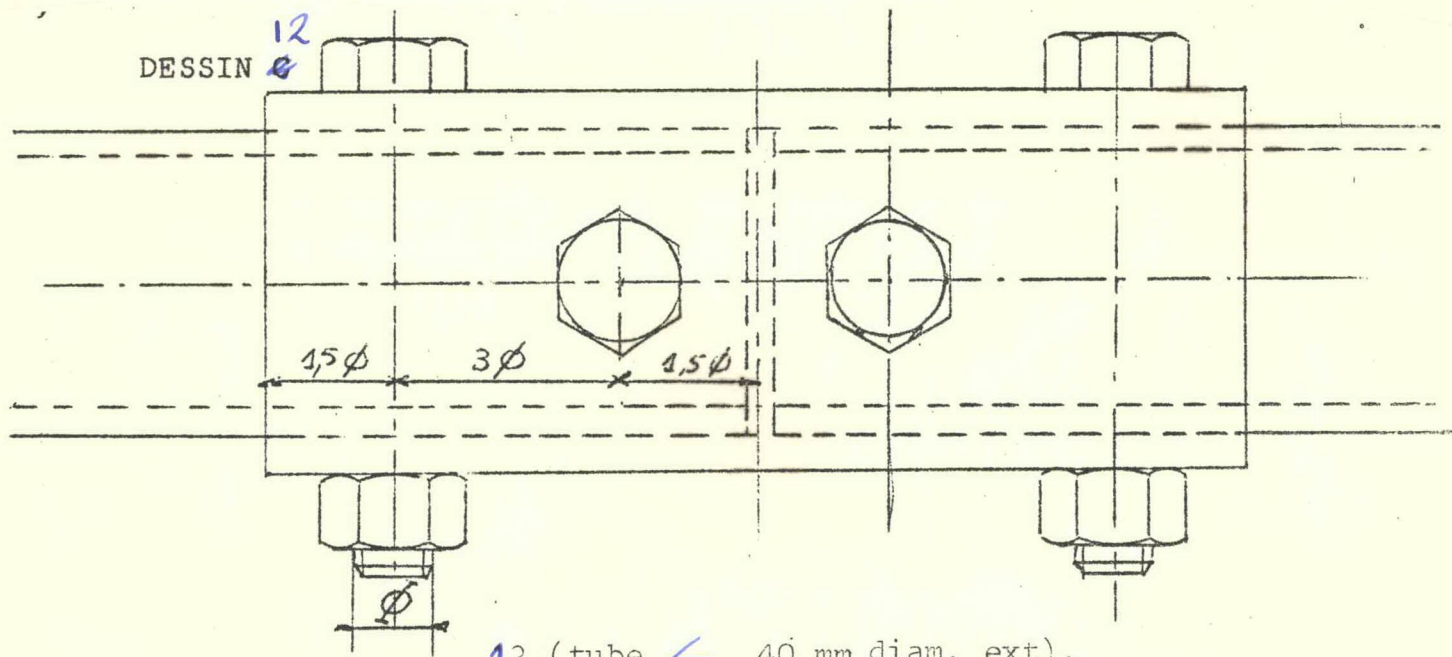
Optional equipment affecting preceding information. This to be stated together with reference number.



dessin 11



DESSIN 12



$\phi =$ 12 (tube 40 mm diam. ext).
 14 (tube 40 50 mm diam. ext).
 16 (tube 50 diam. ext).



F.I.A. Recognition No. 255 -
Group V

0261705 24
17 JUL 1970

ROYAL AUTOMOBILE CLUB

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

PRODUCTION CERTIFICATE

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Date 22nd May 1970

Manufacturer: CHEVRON CARS

Car Model: B16

Production Period From 1st September 1969 to 31st May 1970

Monthly Production

Month/Year	Number
September 1969	1
October 1969	2
November 1969	1
December 1969	3
January 1970	4
February 1970	4
March 1970	4
April 1970	4
May 1970	3
TOTAL	26
Remarks	

I HEREBY certify that the production mentioned hereabove concerns cars which are entirely completed, identical and in conformity with the recognition form submitted for the said model.

(Signature)

Position: Secretary