F.I.A. Recognition No. 5521

Group 1

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 FORD

Serial No. of chassis/body BAGF MK 20001

Serial No. of engine –

Recognition is valid from 1 July 1973

Cylinder-capacity 2992 cm.³ ..... in.³

Model CONSUL GT

Manufacturer FORD

Manufacturer FORD

List .....

The manufacturing of the model described in this recognition form started on January 19 72 and the minimum production of 5000 identical cars, in accordance with the specifications of this form was reached on February 19 73

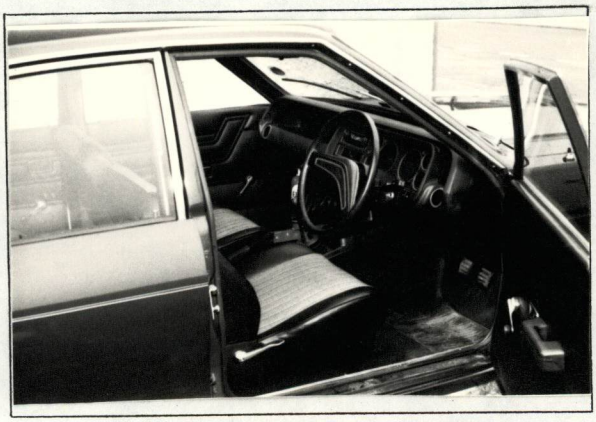
Photograph A, ¾ view of car from front

F.I.A. Stamp

R.A.C. Stamp

B

C



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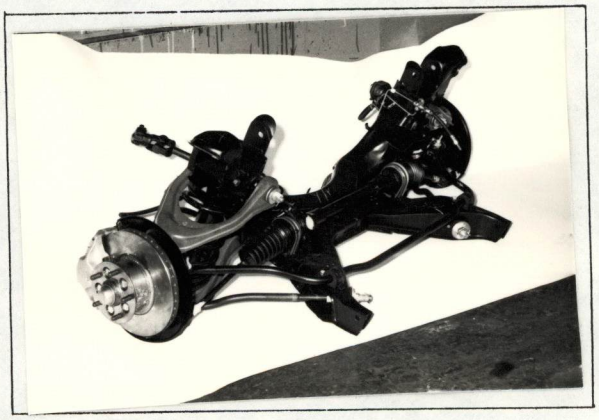

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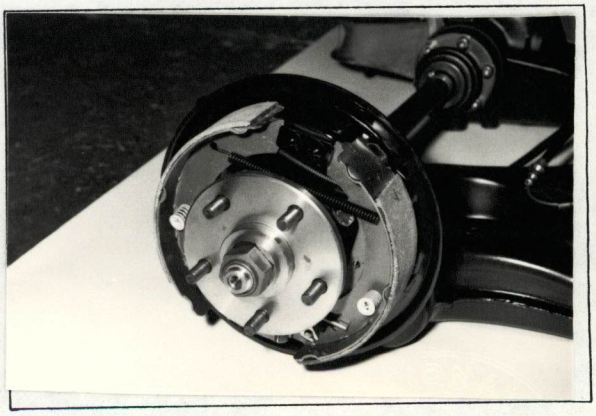

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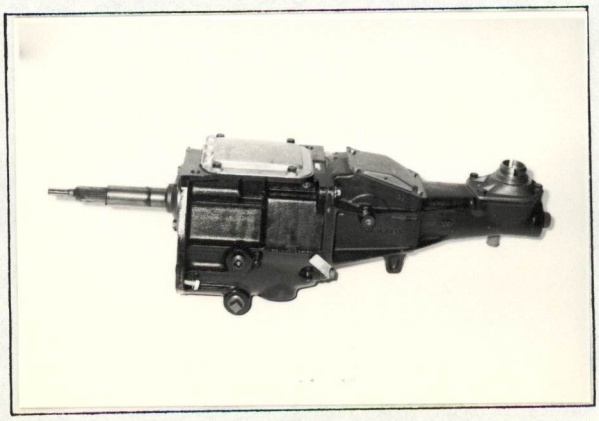

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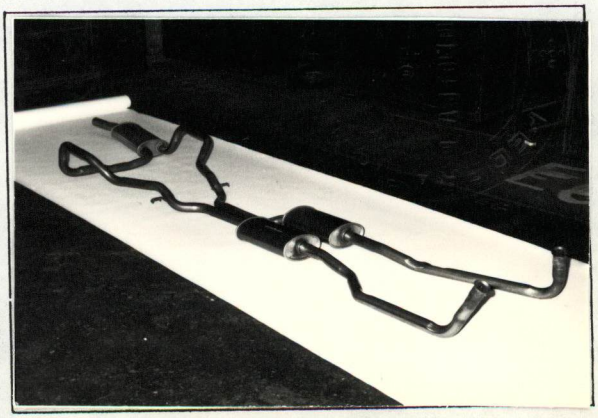

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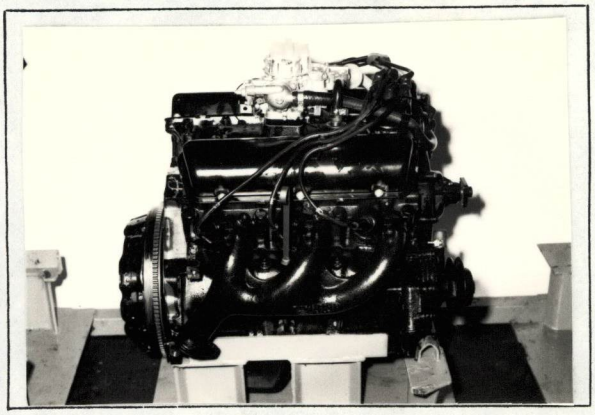

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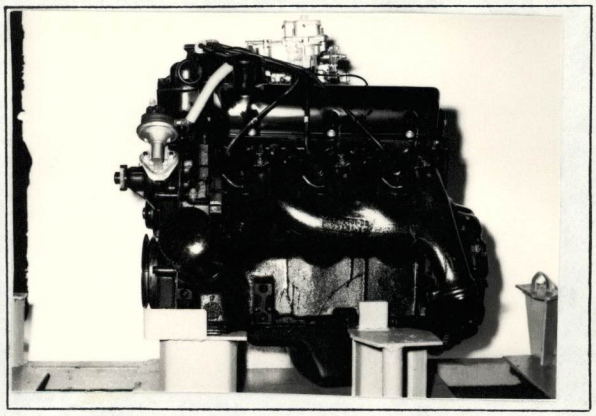

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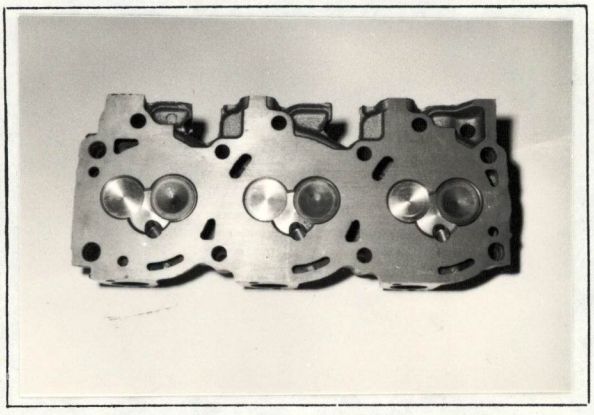

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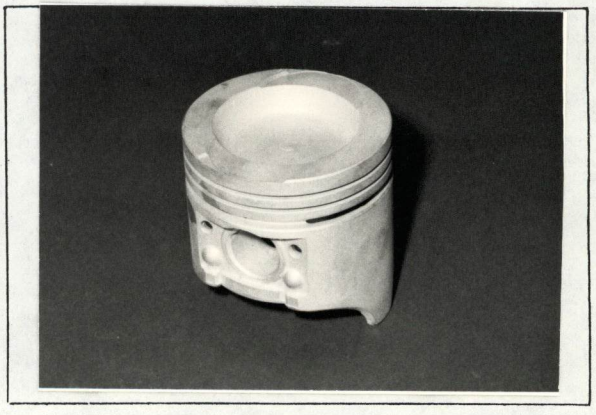

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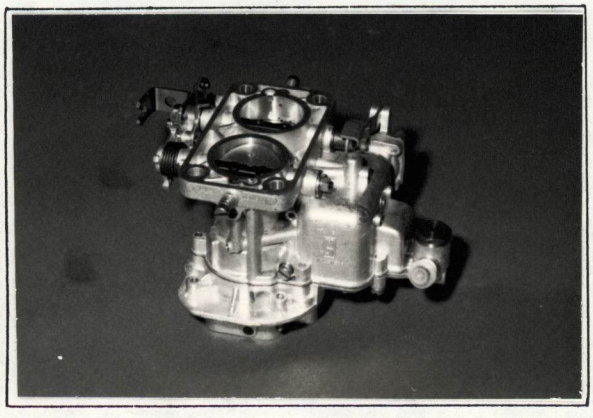

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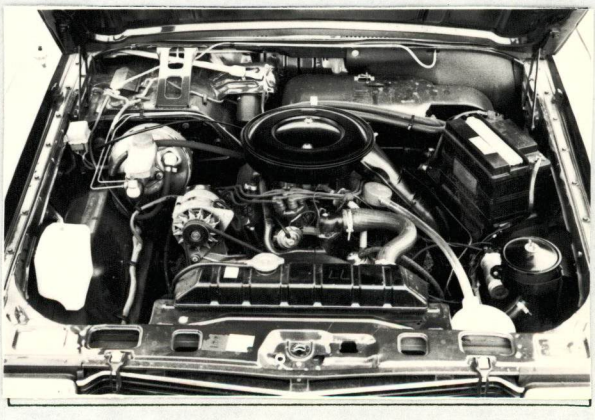

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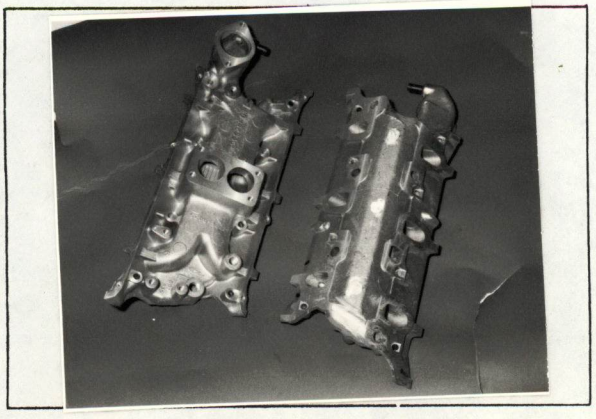
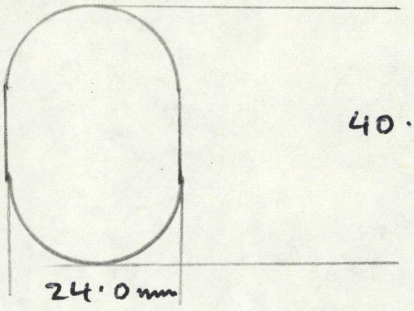


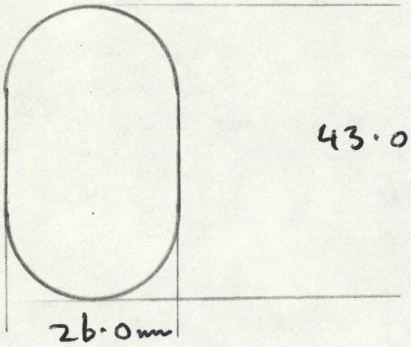
Q

Make Ford Model Consul GT F.I.A. Rec. No. 5521

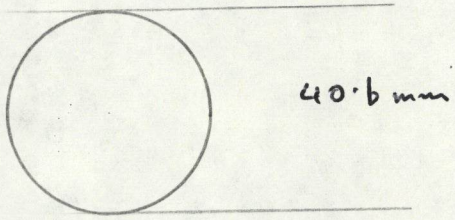
Drawing inlet manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



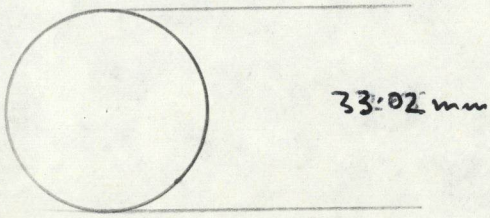
Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



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.



Tolerance ± 0·15 ins.

Make Ford Model Consul GT F.I.A. Rec. No.

NOTE 1.

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

CAPACITIES AND DIMENSIONS

1. Wheelbase 2769 mm. 109.0 inches
2. Front track 1504 - 1518 mm. 59.4 - 59.8 inches
3. Rear track 1530 - 1544 mm. 60.2 - 60.8 inches

Measurement from rocker panel to road

Front	See Note 2	Rear
8.0 ins		8.0 ins

4. Overall length of the car 457.2 cm. 180.0 inches
5. Overall width of the car 179.0 - 180.9 cm. 70.29 - 71.20 inches
6. Overall height of the car 141.6 cm. 55.6 inches
7. Capacity of fuel tank (reserve included) 62 ltrs. 16.4 gall. U.S. 13.6 gall. Imp.
8. Seating Capacity. 4
9. Weight. Total weight of the car with normal equipment, water, oil, and spare wheel but without fuel or repair tools : 1330 kg. 2926 lbs. 26.1 cwts.

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 FORD Model CONSUL GT F.I.A. Rec. No.

CHASSIS AND COACHWORK (Photographs A, B and C)

20. Chassis/body construction: ~~separate~~/unitary construction
21. Unitary construction, material(s) Steel
22. Separate construction, Material(s) of chassis Steel
23. Material(s) of coachwork Steel
24. Number of doors 4 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 Laminated or Toughened Glass
29. Material(s) of front-door windows Toughened Glass
30. Material(s) of rear-door windows Toughened Glass
31. Sliding system of door windows Rotating Handle
32. Material(s) of rear-quarter light Toughened Glass

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 Bucket PVC or Cloth
42. Weight of front seat(s), complete with supports and rails, out of the car : 12.2 kg. 27 lbs.
43. Rear seats, type of seat and upholstery Bench PVC or Cloth
44. Front bumper, material(s) Steel Weight 2.5 kg. 5.5 lbs.
45. Rear bumper, material(s) Steel Weight 2.5 kg. 5.5 lbs.

WHEELS

50. Type Pressed Steel Disc
51. Weight (per wheel, without tyre) 5.8 kg. 12.0 lbs.
52. Method of attachment 5 Taper Nut Fixing
53. Rim diameter 305.601 mm. 14 ins. 54. Rim width 152.4 mm. 6.0 ins.

STEERING

60. Type Rack & Pinion
61. Servo-assistance : yes — no Optional
62. Number of turns of steering wheel from lock to lock 4.4
63. In case of servo-assistance 3.5

Make FORD Model CONSUL GT F.I.A. Rec. No.

SUSPENSION

70. Front suspension (photograph D), type Unequal Length Wishbone

71. Type of spring Coil

72. Stabiliser (if fitted) Yes

73. Number of shock absorbers 2 74. Type Hydraulic Telescopic Double Acting

78. Rear suspension (photograph E), type Independent, Semi-trailing Arms

79. Type of spring Coil

80. Stabiliser (if fitted) None

81. Number of shock absorbers 2 82. Type Hydraulic Telescopic Double Acting

BRAKES (photographs F and G)

90. Method of operation Hydraulic

91. Servo-assistance (if fitted), type Mechanical Vacuum

92. Number of hydraulic master cylinders 1 Tandem

	FRONT				REAR			
93. Number of cylinders per wheel	2							1
94. Bore of wheel cylinder(s)	54	mm.	2.126	inches	19.05	mm.	0.75	inches
Drum Brakes								
95. Inside diameter		mm.		inches	228.7	mm.	9	inches
96. Length of brake linings		mm.		inches	220	mm.	8.6	inches
97. Width of brake linings		mm.		inches	55.4	mm.	2.25	inches
98. Number of shoes per brake						2		
99. Total area per brake		mm.²		sq. in.	2421.0	mm.²	37.5	sq. in.
Disc Brakes								
100. Outside diameter	262	mm.	10.6	inches		mm.		inches
101. Thickness of disc	24	mm.	0.045	inches		mm.		inches
102. Length of brake linings	76.2	mm.	3	inches		mm.		inches
103. Width of brake linings	53.34	mm.	2.1	inches		mm.		inches
104. Number of pads per brake		2						
105. Total area per brake	750	mm.²	11.62	sq. in.		mm.²		sq. in.

Make FORD Model CONSUL GT F.I.A. Rec. No.

ENGINE (photographs J and K)

130. Cycle 4 Stroke
131. Number of cylinders 6
132. Cylinder Arrangement 60° VEE
133. Bore 93.67 mm. 3.6878 in.
134. Stroke 72.415 mm. 2.851 in.
135. Capacity per cylinder 487.66 cm.³ 60.433 cu. in.
136. Total cylinder capacity 2992 cm.³ 182.6 cu. in.
137. Material(s) of cylinder block Cast Iron
138. Material(s) of sleeves (if fitted) N/A
139. Cylinder head, material(s) Cast Iron
Number fitted Two
140. Number of inlet ports 6
141. Number of exhaust ports 6
142. Compression ratio [redacted] - 9.8 : 1)
143. Volume of one combustion chamber 40.47 - 42.37 cm.³ 251.0-263.0 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 45.999-46.075 mm. 1,8 - 1.9 in.
147. Crankshaft : moulded/~~stamped~~ Cast Nodular Iron
148. Type of crankshaft: integral/ Cast Iron
149. Number of crankshaft main bearings Four
150. Material of bearing cap Cast Iron
151. System of lubrication : ~~dry sump~~/oil in sump
152. Capacity, lubricant 5.0 ltrs. 8.8 pts. 5.29 quarts U.S. Including Filter
153. Oil cooler : ~~yes~~/no
154. Method of engine cooling Water & Fan
155. Capacity of cooling system 9.82 ltrs. 17.3 pts. 10.38 quarts U.S. Including Heater
156. Cooling fan (if fitted) dia. Manual Transmission 35.56 [redacted] cm. 14 [redacted] in.
157 Number of blades of cooling fan Manual Transmission 7 [redacted]

Bearings

158. Crankshaft main, type Copper Lead or Lead Bronze dia. 63.536-63.574 m.m. 2.5014-2.5029 in.
159. Connecting rod big end, type Copper Lead or Lead Bronze dia 60.378-60.416 m.m. 2.3771-2.3786 in.

Weights

160. Flywheel (clean) 9.02-9.93 kg. 19.88-21.94 lbs.
161. Flywheel with clutch (all turning parts) 16.39-18.1 kg. 36.11-39.84 lbs.
17.22-18.996 38.97-41.89 0.72-0.793 1.585-1.747
162. Crankshaft kg. lbs. 163. Connecting rod kg. lbs.
164. Piston with rings and pin 0.780 ± 0.008 kg. 1.719 lbs.

Make FORD Model CONSUL GT F.I.A. Rec. No.

FOUR STROKE ENGINES

170. Number of camshafts: One
171. Location: Between Cylinder Banks
172. Type of camshaft drive: Gear
173. Type of valve operation: O.H.V. with Pushrods & Rockers

INLET (see page 4)*

180. Material(s) of inlet manifold: Aluminium Alloy
181. Diameter of valves: 40.944 - 41.199 mm. 1.612–1.622 ins.
182. Max. valve lift: 9.481 mm. 0.3733 in.
183. Number of valve springs: One
184. Type of spring: Coil
185. Number of valves per cylinder: One
186. Tappet clearance for checking timing (cold/~~warm~~): 0.33 mm. 0.013 ins.
187. Valves open at (with tolerance for tappet clearance indicated): 29° B T D C
188. Valves close at (with tolerance for tappet clearance indicated): 67° A B D C
189. Air filter, type: Paper Element

EXHAUST (see page 4)*

195. Material(s) of exhaust manifold: Cast Iron
196. Diameter of valves: 36.78 - 37.03 mm. 1.448–1.458 ins.
197. Max. valve lift: 9.73 mm. 0.3831 in.
198. Number of valve springs: One
199. Type of spring: Coil
200. Number of valves per cylinder: One
201. Tappet clearance for checking timing (cold/warm): 0.55 mm. 0.022 ins.
202. Valves open at (with tolerance for tappet clearance indicated): 70° B B D C
203. Valves close at (with tolerance for tappet clearance indicated): 14° A T D C
204. Diameter outlet orifice exhaust manifold: 42.0 mm. 1.635 ins.

CARBURETION (photograph N)

210. Number of carburettors fitted: One
211. Type: Twin Venturi Downdraught
212. Make: Weber
213. Model: 38/27 DGAS
214. Number of mixture passages per carburettor: Two
215. Flange hole diameter of exit port(s) of carburettor: 38 mm. 1.496 ins.
216. Minimum diameter of venturi/minimum diam., with piston at maximum height (example : SU): 27 mm. 1.063 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 FORD Model CONSUL GT F.I.A. Rec. No.

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 Vee Belt

238. Voltage of generator 12 volts

239. Battery, number One

240. Location Under bonnet

241. Voltage of battery 12 volts

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

250. Max. engine output 138 ± 5% (type of horsepower: P.S.) at 5000 r.p.m.

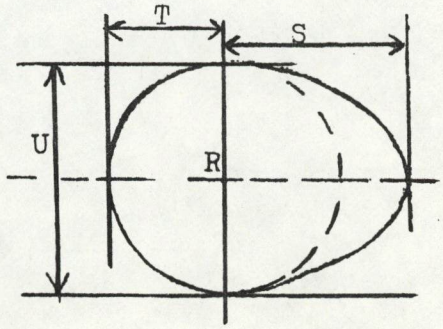
251. Max. r.p.m. 6000 output at that figure 128.5 PS ± 5%

252. Max. torque 191 lb/ft at 3000 r.p.m.

253. Max. speed of the car 181 km./hour 113 miles/hour

R = centre of camshaft

a55



Inlet cam

S =	21.011	mm.	0.8272	inches
T =	13.8	mm.	0.5435	inches
U =	27.609	mm.	1.087	inches

Exhaust cam

S =	20.426	mm.	0.804	inches
T =	13.8	mm.	0.5435	inches
U =	27.609	mm.	1.087	inches

Make Ford Model Consul GT F.I.A. Rec. No.

DRIVE TRAIN

CLUTCH

260. Type of clutch Borg & Beck Diaphragm 261. No. of plates Single

262. Dia. of clutch plates 24.1 cm. 9.5 ins.

263. Dia. of linings, inside 15.5 cm. 6.1 ins.

outside 24.1 cm. 9.5 ins.

264. Method of operating clutch Cable

GEAR BOX (photograph H)

270. Manual type, make Ford Method of operation Remote Control

271. No. of gear-box ratios forward 4 272. Synchronized forward ratios 4

273. Location of gear-shift Centre Remote Control

274. Automatic, make Ford type To

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	3.16	$\frac{31}{21} \times \frac{30}{14}$	2.46	N/A				
2	1.95	$\frac{31}{21} \times \frac{25}{19}$	1.46	N/A				
3	1.41	$\frac{31}{21} \times \frac{22}{23}$	1.00	N/A				
4	1.00	Direct						
5								
6								
reverse	3.35	$\frac{31}{21} \times \frac{34}{\text{idler}} \times \frac{15}{17}$	2.20	N/A				

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 Four Pinion

292. Type of limited slip differential (if fitted in series-production) No

293. Final drive ratio 3.45 Number of teeth 38/11

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.....

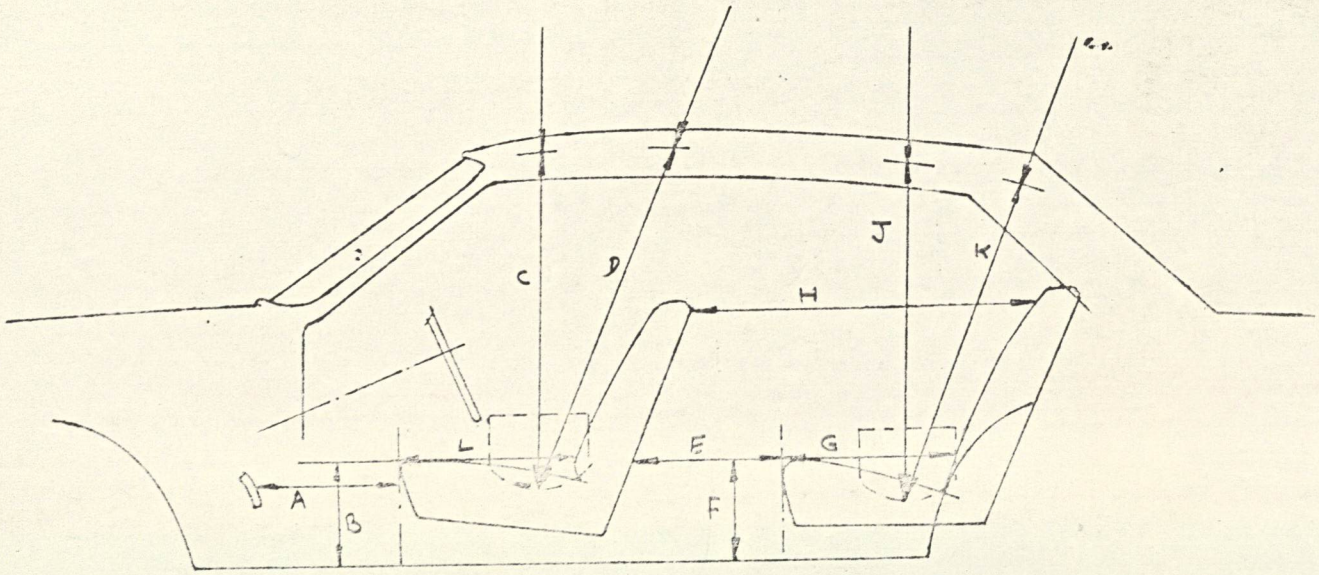
on.....19..... rec. no.....List.....on.....19..... rec. no.....List.....

on.....19..... rec. no.....List.....on.....19..... rec. no.....List.....

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

Additional Engine Date Required:

Rebore dimensions: [redacted] 0,03 mm.
Max. cylinder rebore size: 93.70
Resultant cylinder capacity: 2999 cc 183 cu ins
Volume of combustion chamber in head: 6.7 cc - 10.7 cc (Plugs & Valves fitted)
Thickness of compressed cylinder head gasket: 0.042 - 0.050 ins



A	17 INS	40·31 CM
B	11 INS	27·9 CM
C	36 INS	91·4 CM
D	43 INS	109·2 CM
E	10 INS	25·4 CM
F	12 INS	30·5 CM
G	18 INS	45·7 CM
H	33 INS	83·8 CM
J	36 INS	91·4 CM
K	37 INS	94·0 CM
L	19 INS	48·2 CM