F.I.A. Recognition No. 5517

Group I

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 1993 cm.³ 121.5 in.³

Manufacturer FORD — Model CORTINA GT

Serial No. of chassis/body BABT — Manufacturer FORD

Serial No. of engine – — Manufacturer FORD

Recognition is valid from APRIL 1973 — List

The manufacturing of the model described in this recognition form started on AUGUST 1970 and the minimum production of 5000 identical cars, in accordance with the specifications of this form was reached on FEBRUARY 1972

Photograph A, ¾ view of car from front

F.I.A. Stamp

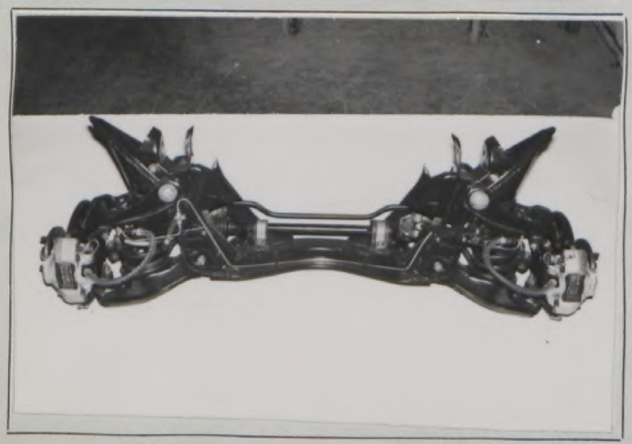
R.A.C. Stamp

Make FORD Model CORTINA 2000 GT F.I.A. Rec. No. 5517

B

C

D



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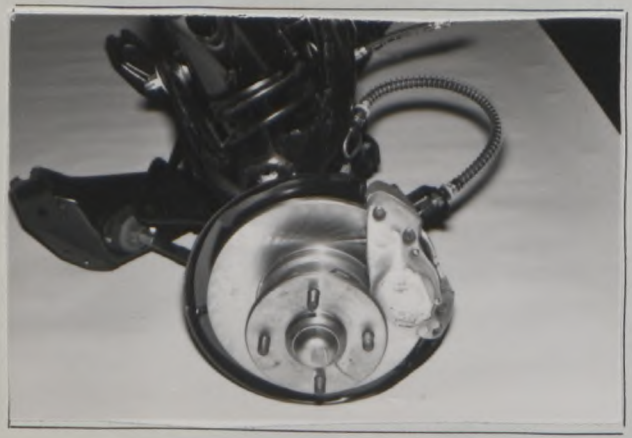

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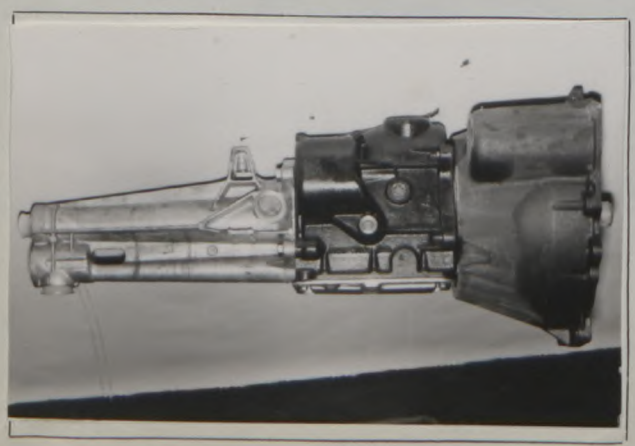
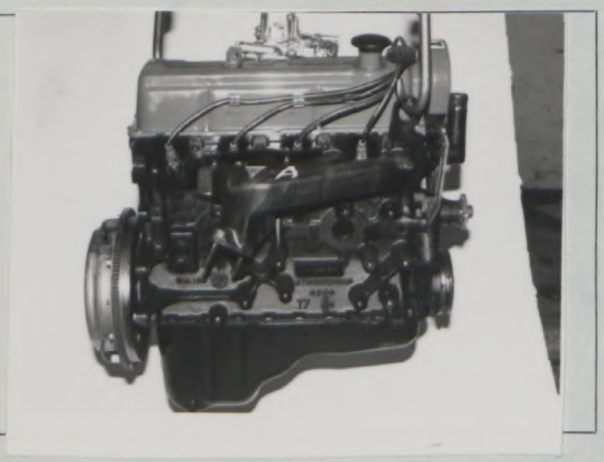


I

Make FORD Model CORTINA 2000 GT F.I.A. Rec. No. 5517

J



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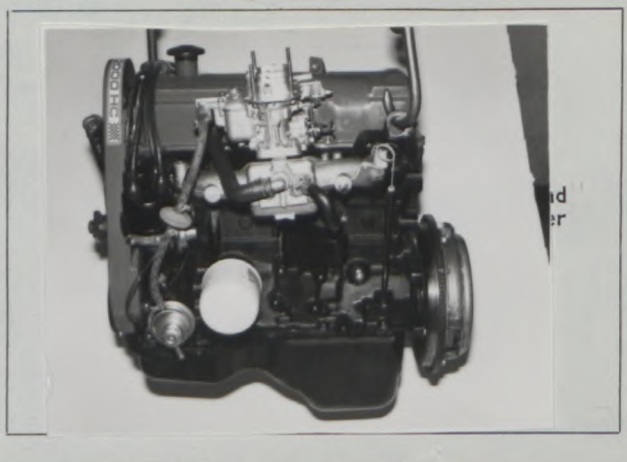

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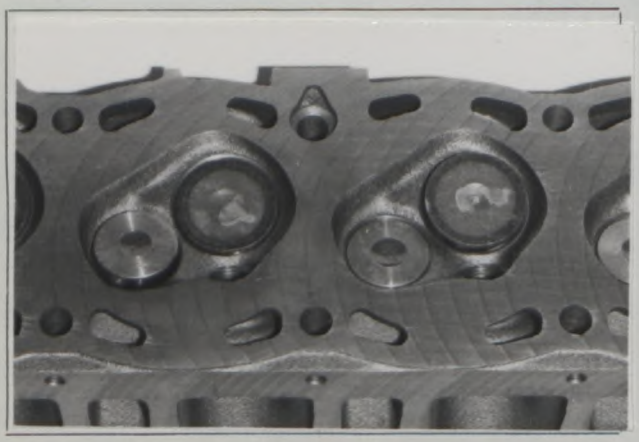

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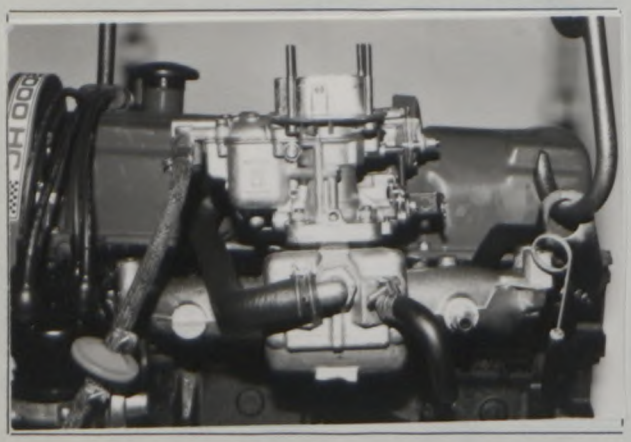

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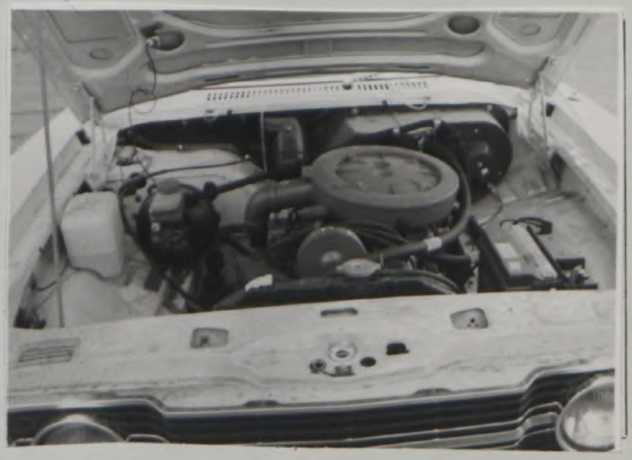

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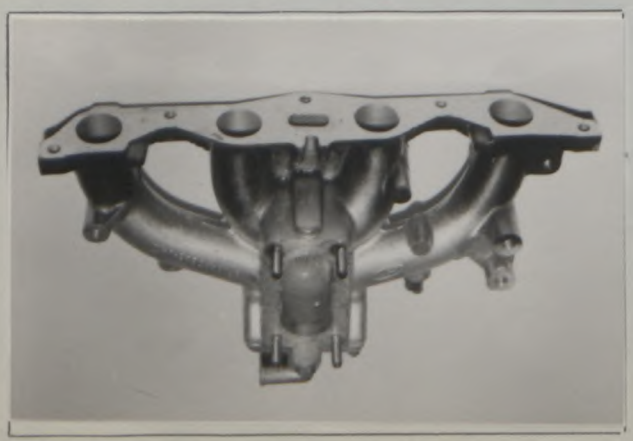
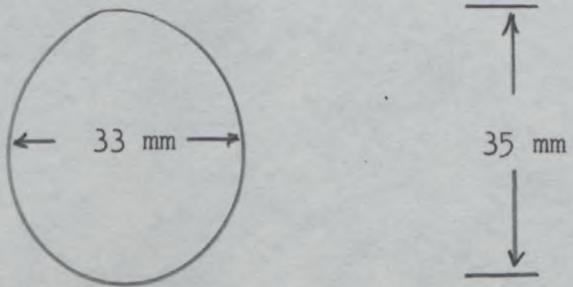


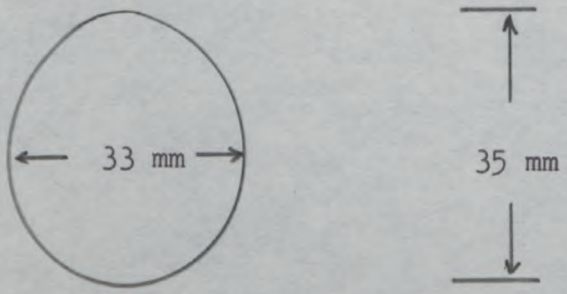
Q

Make FORD Model CORTINA 2000 GT F.I.A. Rec. No. 5517

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

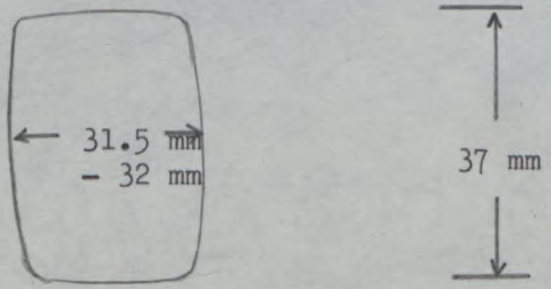


Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.

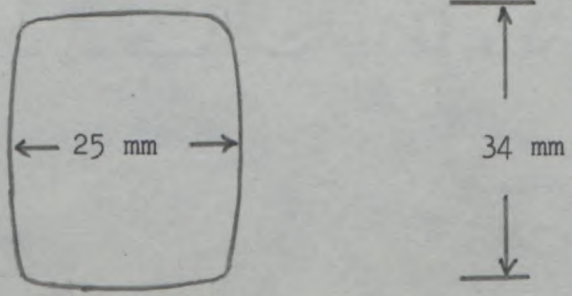


DRAWINGS NOT TO SCALE

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.



Tolerances : ± 1mm

Make FORD Model CORTINA 2000 GT F.I.A. Rec. No. 5517

NOTE 1.

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

CAPACITIES AND DIMENSIONS

1. Wheelbase 2578 mm. 101.5 inches

2. Front track 1422 mm. 56 inches

3. Rear track 1422 mm. 56 inches

Measurement from rocker panel to road

See Note 2

Front 8.5 ins

Rear 8.5 ins

See Note 2

4. Overall length of the car 425.9 cm. 167.7 inches

5. Overall width of the car 170.6 cm. 62.2 inches

5a. Width at axles front 55.25 inches 140.335cms rear 55.5inches 140.97 cms

6. Overall height of the car 136.8 cm. 53.8 inches

7. Capacity of fuel tank (reserve included)

54 ltrs. 14.2 gall. U.S. 11.9 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 :

945 kg. 2083 lbs. 18.5 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 CORTINA 2000 GT F.I.A. Rec. No. 5517

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 –
23. Material(s) of coachwork steel
24. Number of doors 2 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 glass or toughened glass
29. Material(s) of front-door windows toughened glass
30. Material(s) of rear-door windows N/A
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 cloth/PVC
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 cloth/PVC
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) 5.94 kg. 13 lbs. 2 ozs.
52. Method of attachment 4 taper nut fixing
53. Rim diameter 330 mm. 13.0 ins. 54. Rim width 139.7 mm. 5.5 ins.

STEERING

60. Type Rack and pinion
61. Servo-assistance : ~~yes~~ — no
62. Number of turns of steering wheel from lock to lock 3.5
63. In case of servo-assistance N/A

Make Ford Model Cortina 2000 GT F.I.A. Rec. No. 5517

SUSPENSION

70. Front suspension (photograph D), type Independent with double wishbone
71. Type of spring Coil
72. Stabiliser (if fitted) Lateral anti-roll bar
73. Number of shock absorbers 2 74. Type Telescopic double acting
78. Rear suspension (photograph E), type Four bar link
79. Type of spring Coil.
80. Stabiliser (if fitted) Trailing arms
81. Number of shock absorbers 2 82. Type Telescopic double acting

BRAKES (photographs F and G)

90. Method of operation Hydraulic
91. Servo-assistance (if fitted), type Hydraulic vacuum
92. Number of hydraulic master cylinders 2
93. Number of cylinders per wheel 2

	FRONT				REAR			
94. Bore of wheel cylinder(s)	54	mm.	2.12	inches	1 double acting 17.78	mm.	0.7	inches
Drum Brakes								
95. Inside diameter		mm.		inches	228.0	mm.	9	inches
96. Length of brake linings		mm.		inches	218.6	mm.	8.63	inches
97. Width of brake linings		mm.		inches	44.0	mm.	1.75	inches
98. Number of shoes per brake					2			
99. Total area per brake		mm.²		sq. in.	1888.1	mm.²	295.0	sq. in.
Disc Brakes								
100. Outside diameter	247.5	mm.	9.75	inches		mm.		inches
101. Thickness of disc	12.77	mm.	0.5	inches		mm.		inches
102. Length of brake linings	50.8	mm.	2.0	inches		mm.		inches
103. Width of brake linings	76.6	mm.	3.0	inches		mm.		inches
104. Number of pads per brake	2							
105. Total area per brake	7560.0	mm.²	1172	sq. in.		mm.²		sq. in.

Make FORD Model CORTINA 2000 GT F.I.A. Rec. No. 5517

ENGINE (photographs J and K)

130. Cycle FOUR STROKE
131. Number of cylinders 4
132. Cylinder Arrangement INLINE 4
133. Bore 90.82 mm. 3.5756 in.
134. Stroke 76.95 mm. 3.0295 in.
135. Capacity per cylinder 498.25 cm.³ 30.375 cu. in.
136. Total cylinder capacity 1993 cm.³ 121.5 cu. in.
137. Material(s) of cylinder block CAST IRON
138. Material(s) of sleeves (if fitted) NONE
139. Cylinder head, material(s) CAST IRON
Number fitted ONE
140. Number of inlet ports 4
141. Number of exhaust ports 4
142. Compression ratio 9.2 : 1 ± 0.5
143. Volume of one combustion chamber 48.6/50.1 cm.³ 2.965–3.056 cu. in.
144. Piston, material STEEL STRUT ALUMINIUM ALLOY
145. Number of rings 3 (2 COMPRESSION, 1 OIL CONTROL)
146. Distance from gudgeon pin centre line to highest point of piston crown 41.0 mm. 1.61417 in.
147. Crankshaft : moulded/~~stamped~~
148. Type of crankshaft: integral/CAST WITH BALANCE WEIGHTS
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 3.75 ltrs. 6.5 pts. 3.86 quarts U.S.
153. Oil cooler : ~~yes~~/no
154. Method of engine cooling WATER AND FAN
155. Capacity of cooling system 6.13 ltrs. 10.8 pts. 6.48 quarts U.S.
156. Cooling fan (if fitted) dia. 31.75 cm. 12.5 in.
157 Number of blades of cooling fan 7

Bearings

158. Crankshaft main, type) LEAD BRONZE OR dia. 57.021 ± 0.017 m.m. 2.2449 ± 0.0007 in.
159. Connecting rod big end, type) ALUMINIUM TIN dia. 52.021 ± 0.017 m.m. 2.0480 ± 0.0007 in.

Weights

160. Flywheel (clean) Tolerances 160 to 164 = 7% 7.62 kg. 16.202 lbs.
161. Flywheel with clutch (all turning parts) 14.26 kg. 30.840 lbs.
162. Crankshaft 12.7 kg. 28 lbs.
163. Connecting rod 0.66 kg. 1.455 lbs.
164. Piston with rings and pin 0.711 kg. 1.568 lbs.

Make FORD Model CORTINA 2000 GT F.I.A. Rec. No. 5517

FOUR STROKE ENGINES

170. Number of camshafts ONE 171. Location IN CYLINDER HEAD
172. Type of camshaft drive REINFORCED COGGED BELT
173. Type of valve operation OVERHEAD CAM AND FOLLOWER ARMS

INLET (see page 4)*

180. Material(s) of inlet manifold ALUMINIUM
181. Diameter of valves 41.8 - 42.2 mm. 1.6457 - 1.6614 ins.
182. Max. valve lift 10.142 mm. 0.3993 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) 0.20 mm. 0.008 ins.
187. Valves open at (with tolerance for tappet clearance indicated) 24° B T D C
188. Valves close at (with tolerance for tappet clearance indicated) 64° 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 35.80 - 36.20 mm. 1.4095 - 1.4252 ins.
197. Max. valve lift 10.142 mm. 0.3993 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) 0.25 mm. 0.010 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) 18° A T D C
204 Diameter outlet orifice exhaust manifold 47.625 mm 1⅞ ins

CARBURETION (photograph N)

210. Number of carburettors fitted ONE 211. Type DOWNDRAUGHT
212. Make WEBER 213. Model D G A V
214. Number of mixture passages per carburettor 2
215. Flange hole diameter of exit port(s) of carburettor 32 & 36 mm. 0.8128 & 0.9144 ins.
216. Minimum diameter of venturi/minimum diam., with piston at maximum height (example : SU) 26 & 27 mm. 0.6604 & 0.6858 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 CORTINA 2000 GT F.I.A. Rec. No. 5517

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 V 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 98 or 112 (type of horsepower: PS TO DIN SPEC 70020 / BHP GROSS SAE) at 5500 / 6000 r.p.m.

251. Max. r.p.m. 6300 continuous / 6600 intermittent output at that figure 94.6 PS DIN (107 BHP GROSS SAE) / 90.15 PS DIN (103.5 BHP GROSS SAE)

252. Max. torque 15.4 MKP TO DIN SPEC 70020 or 122 lbs ft GROSS SAE at 3500 r.p.m.

253. Max. speed of the car 166 km./hour 103 miles/hour

Permitted rebore dimensions : 0.13 mm

Resultant cylinder capacity : 1999 cm³

R = centre of camshaft

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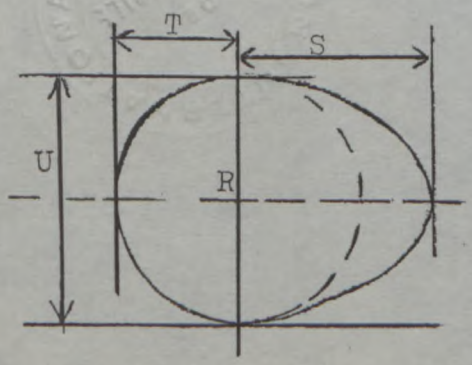


Inlet cam

S = 21.39 ± 0.07	mm.	0.84212 ± 0.0027	inches
T = 15.0	mm.	0.59055	inches
U = 30.0	mm.	1.1811	inches

Exhaust cam

S = 21.39 ± 0.07	mm.	0.84212 ± 0.0027	inches
T = 15.0	mm.	0.59055	inches
U = 30.0	mm.	1.1811	inches

Make Ford Model Cortina 2000 GT F.I.A. Rec. No. 5517

DRIVE TRAIN

CLUTCH

260. Type of clutch Diaphragm

261. No. of plates 1

262. Dia. of clutch plates 21.6 cm. 8.5 ins.

263. Dia. of linings, inside 15.3 cm. 6.0 ins.

outside 21.6 cm. 8.5 ins.

264. Method of operating clutch Cable

GEAR BOX (photograph H)

270. Manual type, make Ford Method of operation Manual

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

273. Location of gear-shift Remote Central floor control

274. Automatic, make Borg Warner type 35 Epicycle with torque converter

275. No. of forward ratios 3 276. Location of gear shift Floor mounted

277.	Manual		Automatic		Alternative manual/automatic			
	Ratio	No. teeth	Ratio	No. teeth	Ratio	No. teeth	Ratio	No. teeth
1	3.651	$\frac{18}{29} \times \frac{34}{16}$	2.393	---				
2	1.968	$\frac{18}{25} \times \frac{34}{24}$	1.450	---				
3	1.368	$\frac{18}{21} \times \frac{34}{16}$	1.000	---				
4	1.0	Direct						
5								
6								
reverse	3.66	31x17x15	2.094	---				

278. Overdrive, type N/A

279. Forward gears on which overdrive can be selected N/A

280. Overdrive ratio N/A

FINAL DRIVE

290. Type of final drive Hypoid 291. Type of differential Salisbury

292. Type of limited slip differential (if fitted) N/A No.

293. Final drive ratio 3.75 or 3.89 Number of teeth 12/45 or 9/35

Make FORD Model CORTINA 2000 GT F.I.A. Rec. No. 5517

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.

MOTOR SPORT DIVISION
The Royal Automobile Club,
31 Belgrave Square, London, S.W.1

Manufacturer FORD
Model CORTINA 2000 GT
F.I.A. Recognition No. 5517
Amendment No. 1/IV

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. | Reference No.

Group 2 Production variant

Alternative Cylinder head

Picture A

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

139 Aluminium Alloy
170 Two
171 In Cylinder Head
172 Toothed belt
173 OHC an bucket tappet
185 Two
200 Two

Alternative con-rod part no. 5067 Picture B
Alternative crankshaft (steel) Picture B
163 0.613 kg 1lb 5oz

Alternative oil pump part no. 5084 Picture C

Fuel injection equipment Picture D

Different bearing cap Picture E

~~Different oil pump Picture F~~

Date amendment is valid from 1.7.73

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

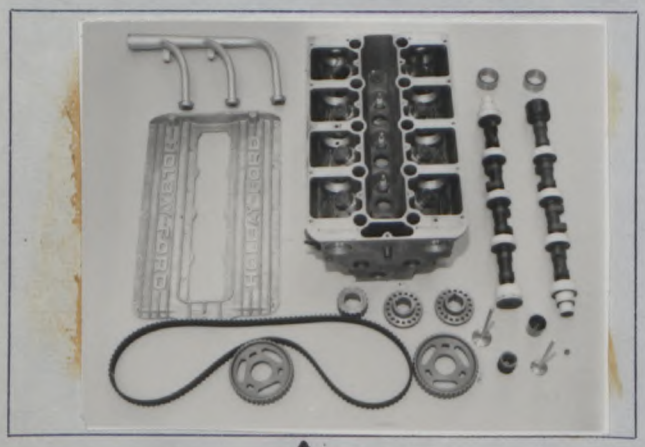
MOTOR SPORT DIVISION
The Royal Automobile Club
31 Belgrave Square, London SW1X 8QH

Manufacturer FORD
Model CORTINA 2000 GT
F.I.A. Recognition No. .....
Amendment No. .....

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Photographs must be 3″ × 2″ and a matt finish



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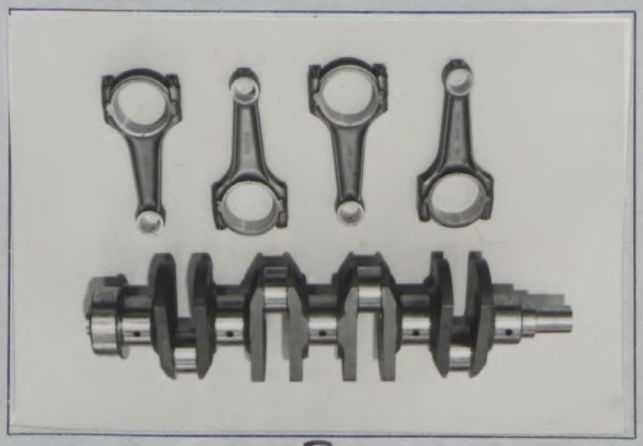

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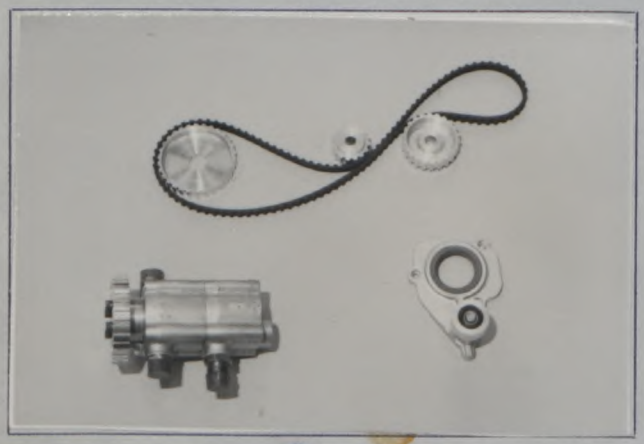

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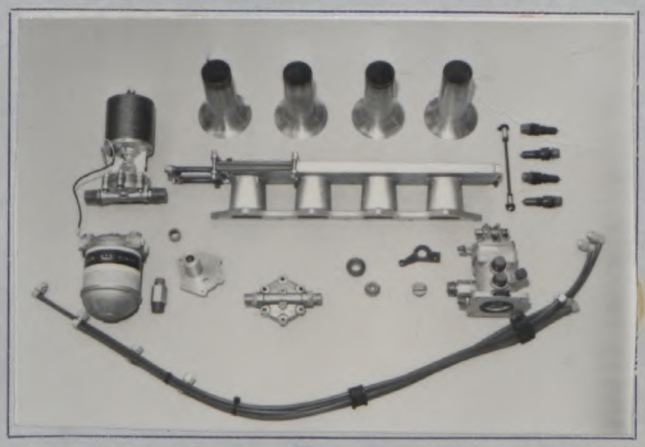

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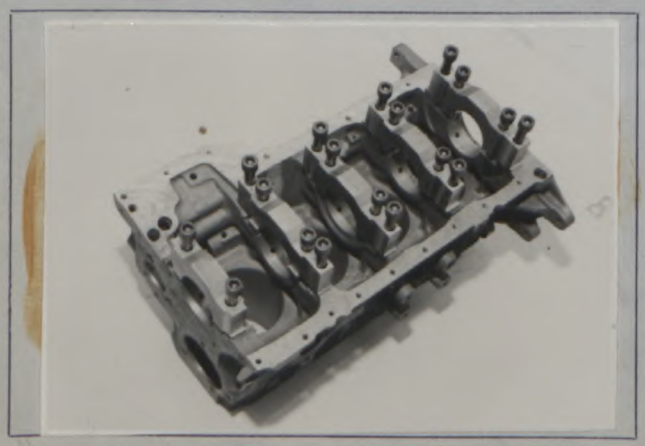

E

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

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 FORD
Model CORTINA 2000
F.I.A. Recognition No. 5517
Amendment No. 2/IE

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No.	
	ERRATUM	
277	Gearbox ratios and tooth combination	
	3.651	$\frac{34}{18} \times \frac{29}{15}$
	1.97	$\frac{34}{18} \times \frac{25}{24}$
	1.37	$\frac{34}{18} \times \frac{21}{29}$
	1.00	DIRECT
163	.506 kg	1.11 lbs
164	.612 kg	1.34 lbs

Date amendment is valid from 1.7.76

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

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

Manufacturer FORD
Model CORTINA 2000
F.I.A. Recognition No. 5517
Amendment No. 3/2F

COMMISSION SPORTIVE
01337 13.5.74
INTERNATIONALE

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No.
	Evolution in production All models after 1 November 1973 Revised rear suspension with anti-roll bar Photo A Revised instrument panel Photo B Revised headlamp styling Photo C

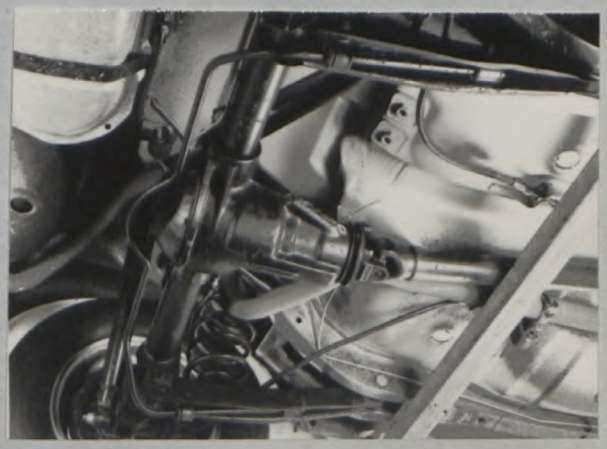

Photo A

Photo B

Photo C

Date amendment is valid from 1.7.74

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

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

FORD - CORTINA GT (2000)	2/72	5517
MARQUE ET MODELE	VALIDITE HOMOLOGATION	FICHE NR.

	1/2000
	GROUPE / CLASSE

EXTENSIONS	DEBUT VALIDITE	DESCRIPTION	NOTES
1/1V	7/73	CULASSE - BIELLE - VILEBREQUIN - POMPE A HUILE - INJECTION - CHAPEAUX DE PALIERS	
2/1E	7/74	RAPPORTS - BIELLE - PISTON	
3/2E	7/74	BARRE ANTIROULIS AR - PHARES TABLEAU DE BORD	

Autres homologations du modèle

Vérifiée le 23/10/95 par _____ visée ce jour le _____ par _____