F.I.A. Recognition No. 224

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 4736 cm.³ 289 in.³

Manufacturer FORD ADVANCED VEHICLES LTD. Model GT40

Serial No. of chassis/body GT40 Manufacturer FORD ADVANCED VEHICLES LTD.

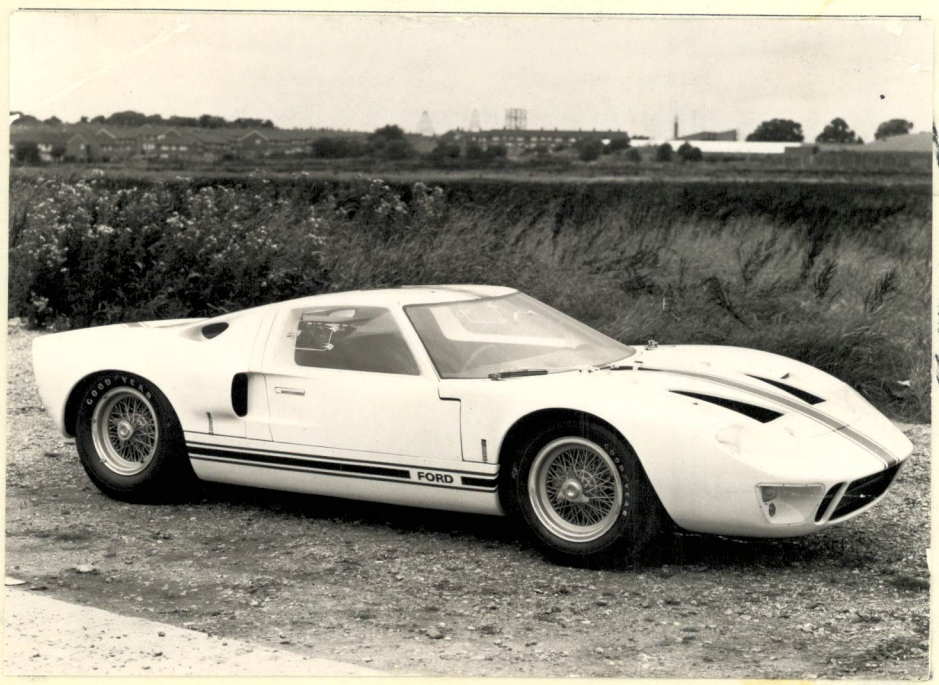
Serial No. of engine Various Manufacturer FORD MOTOR CO.

Recognition is valid from GT40/101 GT40P/1000 1st Feb. '66 List 14/2

The manufacturing of the model described in this recognition form started on 1st January, 1965.

and the minimum production of 50 identical cars, in accordance with the specifications of this form was reached on 31st December, 1965.

Photograph A, ¾ view of car from front

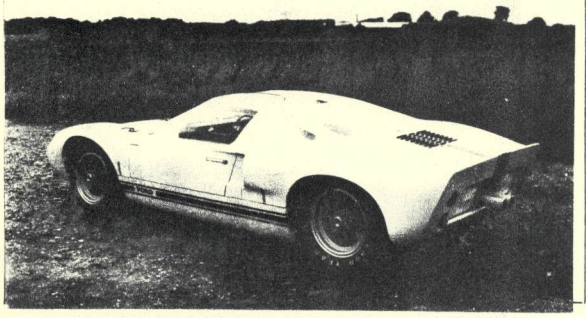


F.I.A. Stamp

R.A.C. Stamp

Make FORD Model GT40 F.I.A. Rec. No. 224

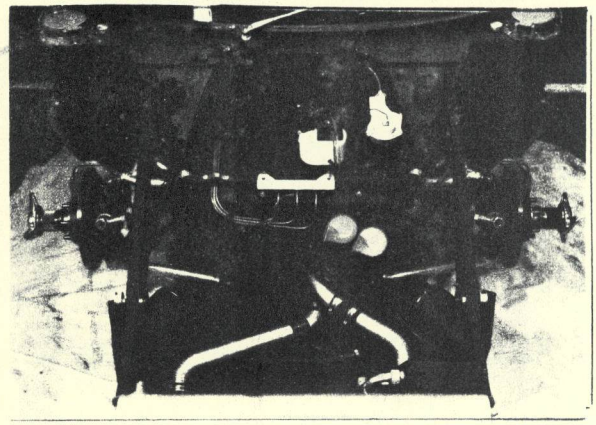
B



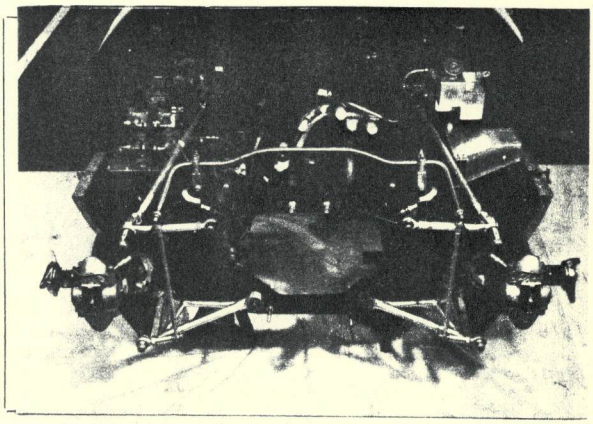
interior view of car through driver's door (open or removed)

C

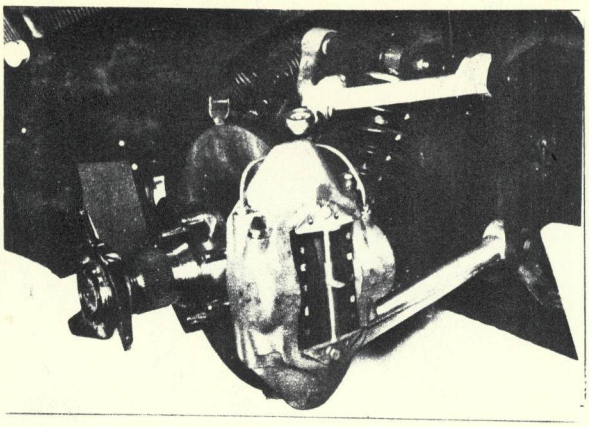
D



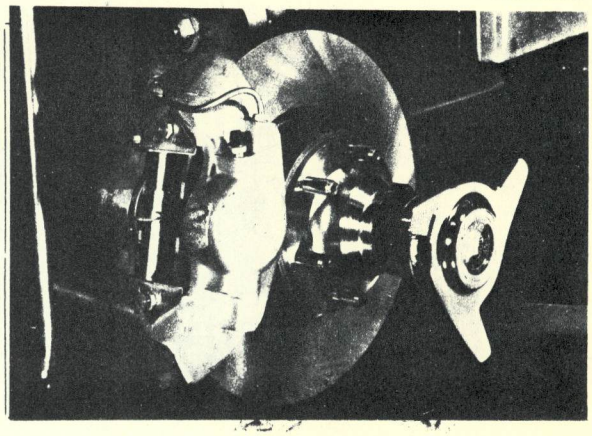
E



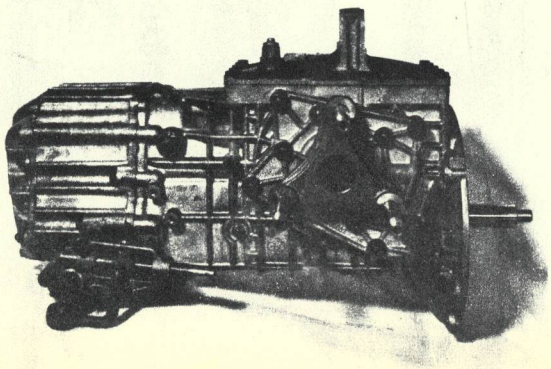
F



G



H

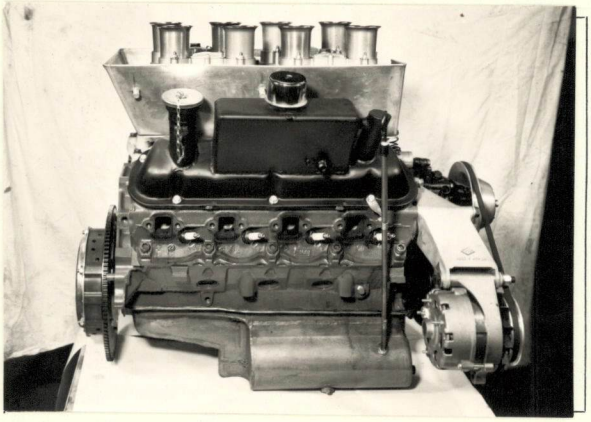


silencer + exhaust pipes after exhaust manifold

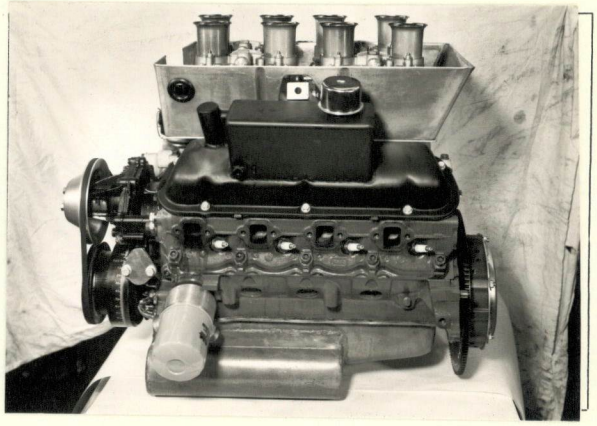
I

Make FORD. Model GT 40 F.I.A. Rec. No. 224.

J



K



L

combustion chamber

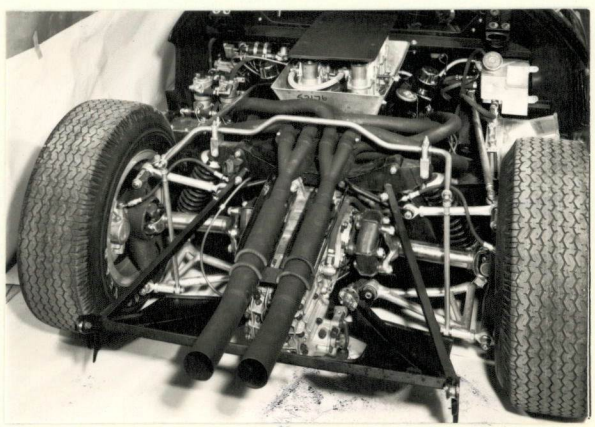
M

piston crown

N

Carburettor (view from side of manifold)

O



P

inlet manifold

Q

exhaust manifold

Make FORD. Model GT40. F.I.A. Rec. No. 224.

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 FORD Model GT 40 F.I.A. Rec. No. 224.

NOTE 1.

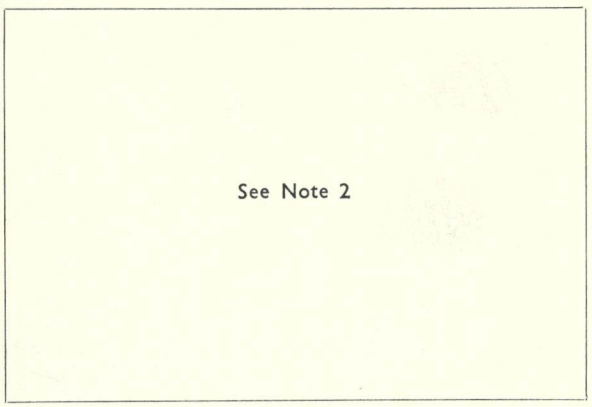
All dimensions must be given in two measuring systems, see Note 3.

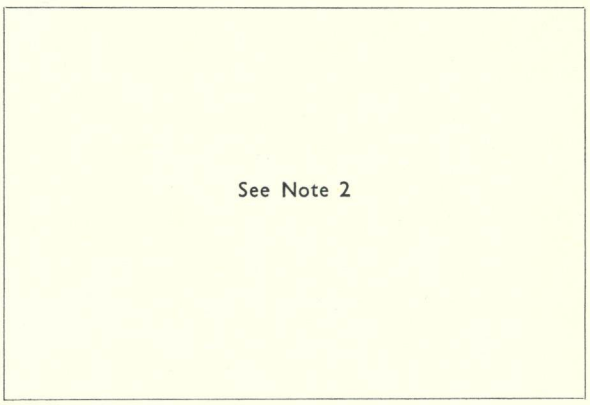
CAPACITIES AND DIMENSIONS

1. Wheelbase 2413 mm. 95 inches

2. Front track 1397 mm. 55 inches

3. Rear track 1397 mm. 55 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 :

905 kg. 1,993 lbs. 17.8 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 G.T 40 F.I.A. Rec. No. 224.

CHASSIS AND COACHWORK (Photographs A, B and C)

20. Chassis/body construction: separate/unitary construction Partly Unitised
21. Unitary construction, material(s) STEEL
22. Separate construction, Material(s) of chassis STEEL
23. Material(s) of coachwork FIBREGLASS AND STEEL
24. Number of doors 2 Material(s) FIBREGLASS AND STEEL
25. Material(s) of bonnet FIBREGLASS
26. Material(s) of boot lid FIBREGLASS
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 FORD. Model GT40 F.I.A. Rec. No. 224.

SUSPENSION

70. Front suspension (photograph D), type INDEPENDENT
71. Type of spring COIL
72. Stabiliser (if fitted)
73. Number of shock absorbers 74. Type
78. Rear suspension (photograph E), type INDEPENDENT
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 FORD Model GT 40 F.I.A. Rec. No. 224.

ENGINE (photographs J and K)

130. Cycle 4

131. Number of cylinders 8

132. Cylinder Arrangement VEE

133. Bore 101.6 mm. 4.00 in.

134. Stroke 72.9 mm. 2.87 in.

135. Capacity per cylinder 592 cm.³ 36.125 cu. in.

136. Total cylinder capacity 4736 cm.³ 289 cu. in.

137. Material(s) of cylinder block CAST IRON

138. Material(s) of sleeves (if fitted) NONE FITTED
Number fitted

139. Cylinder head, material(s) CAST IRON

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~~

148. Type of crankshaft: integral/Integral

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 SHELL dia. 57.12 m.m. 2.249 in.

159. Connecting rod big end, type dia. 53.92 m.m. 2.123 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 FORD. Model GT 40 F.I.A. Rec. No. 294.

FOUR STROKE ENGINES

170. Number of camshafts One
171. Location Centrally in block
172. Type of camshaft drive Chain
173. Type of valve operation Pushrod and rockers

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 One
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 One
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. ins.

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

Make FORD Model GT40 F.I.A. Rec. No. 224

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.

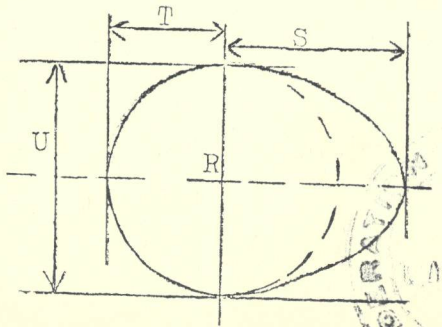
251. Max. r.p.m. output at that figure

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

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

R = centre of camshaft

a55



Inlet cam

S = mm. inches

T = mm. inches

U = mm. inches

Exhaust cam

S = mm. inches

T = mm. inches

U = mm. inches

Make FORD Model GT40 F.I.A. Rec. No. 224.

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 ZF

Method of operation

271. No. of gear-box ratios forward 5

272. Synchronized forward ratios

273. Location of gear-shift

274. Automatic, make Not applicable

type

275. No. of forward ratios Not applicable

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 Offset Bevel

291. Type of differential Limited slip

292. Type of limited slip differential (if fitted) ZF/~~Thornton~~

293. Final drive ratio

Number of teeth

Make FORD Model GT 40 F.I.A. Rec. No. 224.

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 1/1/ 1968 rec. no. 224 List 1 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 Advanced Vehicles Ltd.
Model Ford GT 40
F.I.A. Recognition No. 224
Amendment No. 1 / 1V

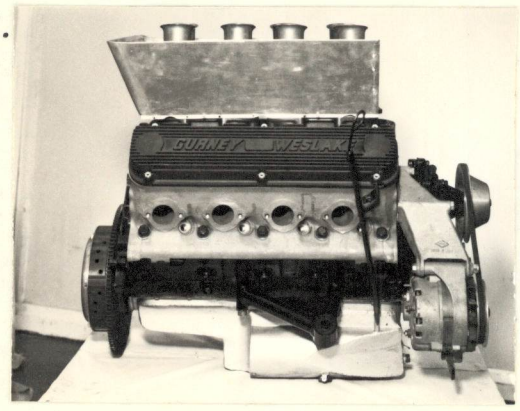
Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No.
1.	139. FORD GT 40 VARIANT

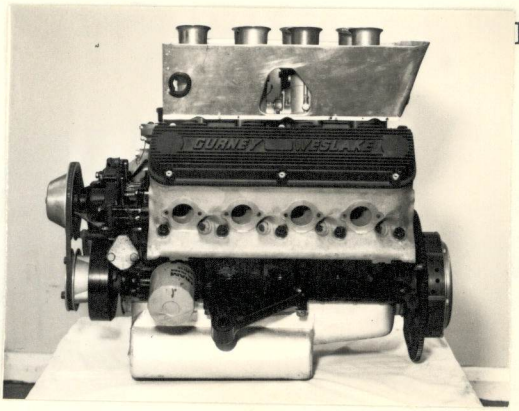
Weslake Aluminium Cylinder Head. Part No. 3/3710.

J.

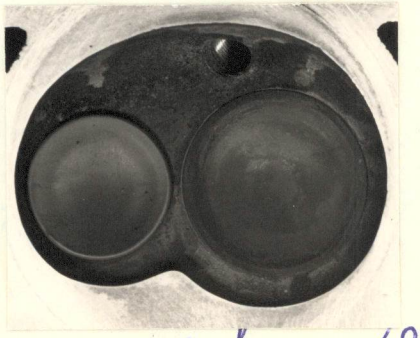


Engine unit out of car, from right, with clutch & accessories but without air filter or gearbox.

K.



Engine unit out of car, from left, with clutch & accessories but without air filter or gearbox.



Date amendment is valid from 1st Jan. 1968.

Cirt 1968/1

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

Robert Schwarz

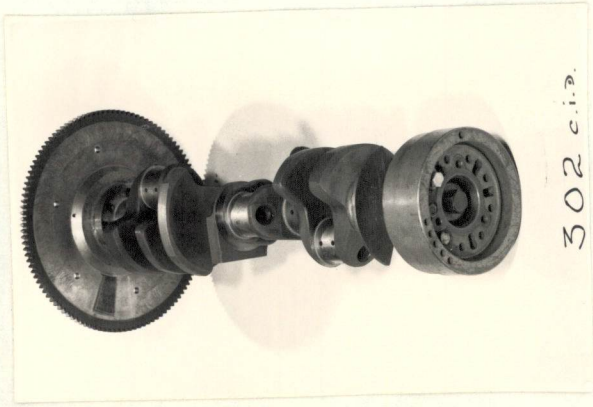
MOTOR SPORT DIVISION
The Royal Automobile Club,
31 Belgrave Square, London, S.W.1

Manufacturer Ford Advanced Vehicles Limited
Model Ford GT 40.
F.I.A. Recognition No. 224
Amendment No. 2/1E

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No. Evolution
2.	133. Bore 101.6 mm. 4.00 in. 134. Stroke 76.2 mm. 3.00 in.
	135. Capacity per cylinder 617.77 cm.^{3} 37.75 cu. in.
	136. Total cylinder capacity 4942.16 cm.^{3} 302 cu. in.



147. Part No. C8FE-6300-A

Crankshaft with flywheel and damper attached.

FÉDÉRATION INTERNATIONALE DE L'AUTOMOBILE

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

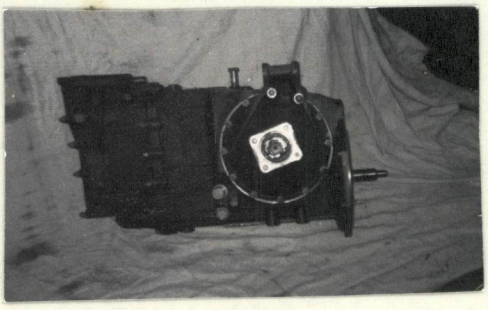
Date amendment is valid from 1st May 1968
Rist 1968/16

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

Manufacturer Ford
Model GT 40
F.I.A. Recognition No. 224 13/2V
Amendment No. 2

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No.
	Evolution
2	Hewland LG600 gearbox 5 speed.
	
3	Ford H/D limited slip differential Part Number CDH4204A

Date amendment is valid from 1st May 1968
Gift 1968/6

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