F.I.A. Recognition No. 228

Group 4

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 Tunex Conversions Ltd.,

Serial No. of chassis/body R10-38inc C20-22inc D31-44inc L11-15inc

Serial No. of engine

Recognition is valid from

Cylinder-capacity 1148 cm.³ 70.0 in.³

Model DIVA GT

Manufacturer Tunex Conversions Ltd.,

Manufacturer Ford Motor Company

List

The manufacturing of the model described in this recognition form started on 1st April 19 64 and the minimum production of ~~Fifty~~ (50) identical cars, in accordance with the specifications of this form was reached on 31st March, 19 65

Photograph A, ¾ view of car from front

F.I.A. Stamp

R.A.C. Stamp

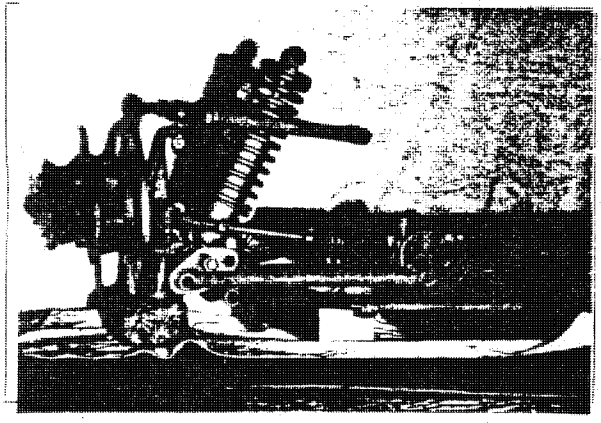
Make Tunex Model Diva GT F.I.A. Rec. No. 228

B

C

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

D



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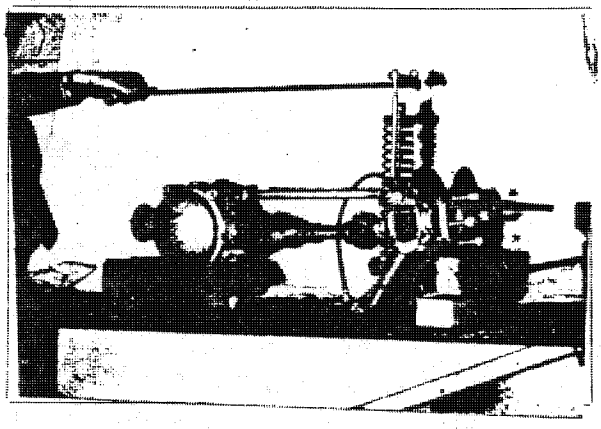
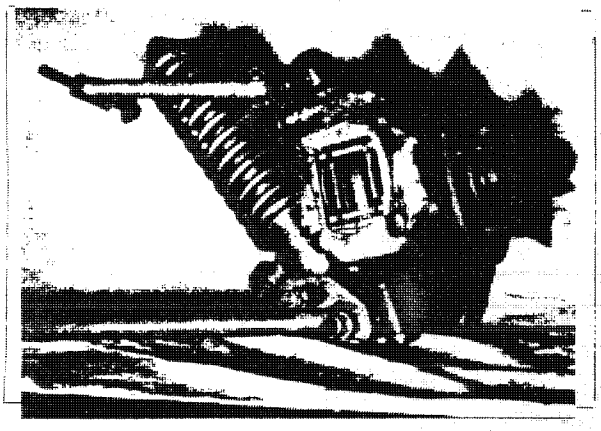
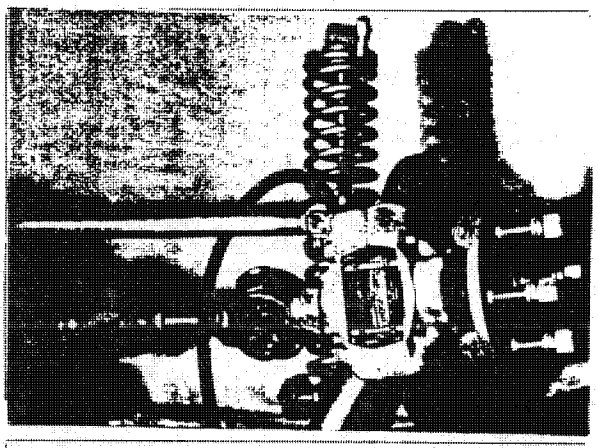


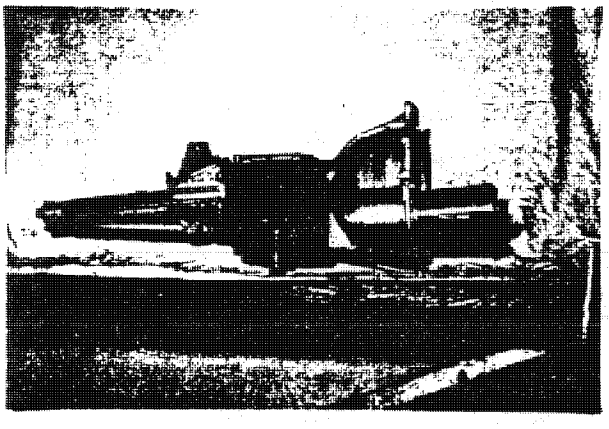
F



G



H



I

silencer + exhaust pipes + exhaust manifold

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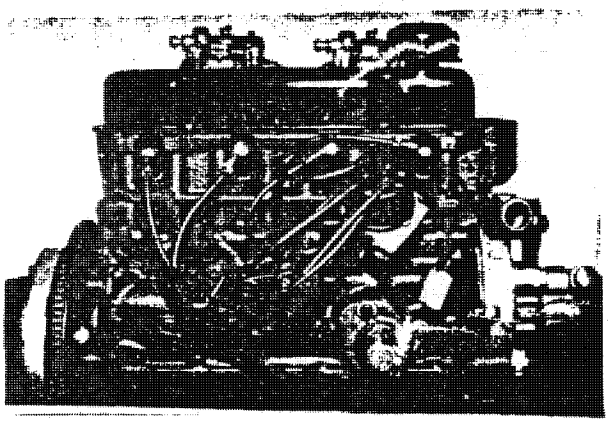
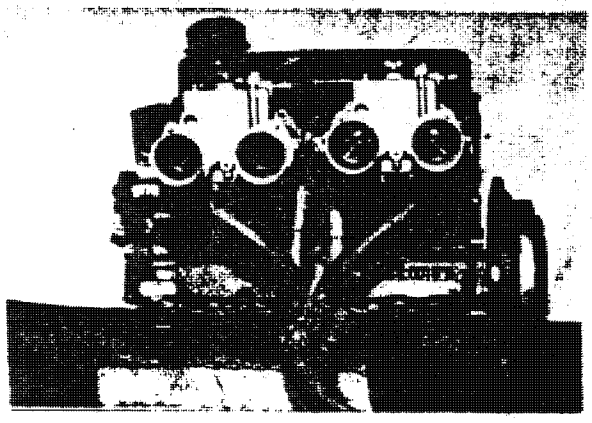
J



K



L

combustion chamber

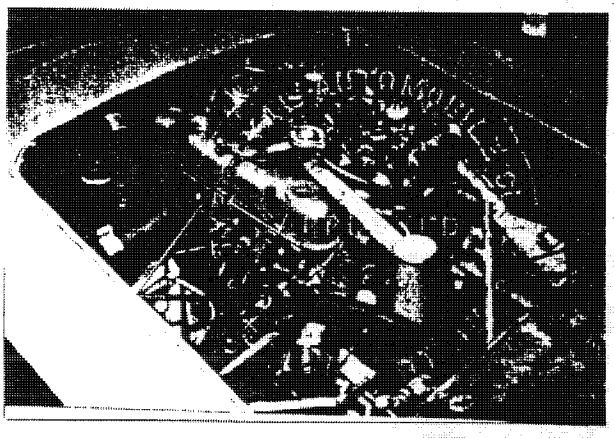
M

piston crown

N

Carburettor (view from side of manifold)

O



P

inlet manifold

Q

exhaust manifold

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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.

FÉDÉRATION INTERNATIONALE DE L'AUTOMOBILE

Make Tunex Model Diva GT F.I.A. Rec. No. 228

NOTE 1.

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

CAPACITIES AND DIMENSIONS

1. Wheelbase 2070 - 2110 mm. 81½ - 83 inches

2. Front track 1208 mm. 47½ inches

See Note 2

3. Rear track 1245 mm. 49 inches

See Note 2

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 :

515 kg. 1130 lbs. 10,1 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.

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CHASSIS AND COACHWORK (Photographs A, B and C)

20. Chassis/body construction: separate/unitary construction — Separate
21. Unitary construction, material(s) — N/A
22. Separate construction, Material(s) of chassis — Tubular Steel
23. Material(s) of coachwork — Fibreglass, Perspex, P.V.C.
24. Number of doors Material(s) — Two, Fibreglass
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

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SUSPENSION

70. Front suspension (photograph D), type: INDEPENDENT BY WISHBONES
71. Type of spring: COIL
72. Stabiliser (if fitted)
73. Number of shock absorbers
74. Type
78. Rear suspension (photograph E), type: INDEPENDENT BY WISHBONES
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
93. Number of cylinders per wheel

	FRONT		REAR	
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.

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ENGINE (photographs j and K)

130. Cycle Four Stroke
131. Number of cylinders Four
132. Cylinder Arrangement Vertical in line
133. Bore 85 mm. 3.35 in.
134. Stroke 50.4 mm. 1.985 in.
135. Capacity per cylinder 287 cm.³ 17.52 cu. in.
136. Total cylinder capacity 1148 cm.³ 70.0 cu. in.
137. Material(s) of cylinder block Cast iron
138. Material(s) of sleeves (if fitted) not fitted
139. Cylinder head, material(s) Cast iron
Number fitted One (1)
140. Number of inlet ports Four (4)
141. Number of exhaust ports Four (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 Stamped
148. Type of crankshaft: integral/ Intergral
149. Number of crankshaft main bearings Three (3)
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 Shell, Lead Indium dia. 53.8 m.m. 2.12 in.
159. Connecting rod big end, type Shell, Lead Indium dia. 49.2 m.m. 1.935 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.

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FOUR STROKE ENGINES

170. Number of camshafts One (1) 171. Location In block
172. Type of camshaft drive Gear
173. Type of valve operation Pushrod & Rocker

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 (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 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.

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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.

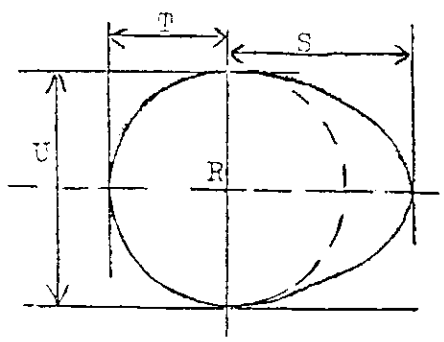
251. Max. r.p.m. output at that figure

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

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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 Ford — Method of operation Manual

271. No. of gear-box ratios forward Four (4) — 272. Synchronized forward ratios

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 C.W.P.

291. Type of differential Bevel Gear

292. Type of limited slip differential (if fitted) Z/F

293. Final drive ratio

Number of teeth

11.

Make Tunex Model Diva GT F.I.A. Rec. No. 228

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.

FÉDÉRATION INTERNATIONALE DE L'AUTOMOBILE

Manufacturer Tunex Conversions

Model Diva G.T.

F.I.A. Recognition No. 228 H/U

Amendment No. 1

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

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.	Reference No.	
		OPTIONAL EQUIPMENT
1.	98.	Part No. 10F/RB1 Twin leading shoe drum brake at rear.
	95.	Inside diameter: 8.0 ins. 203.2 mm.
	96.	Length of brake linings: 7.75 ins. 197.1 mm.
	97.	Width of brake linings: 1.50 ins. 38.5 mm.
	99.	Total area per brake: 1517.7 sq. mm. 23.25 sq. ins.
		ERRATA
2.	2.	Front track: Plus 1" 47.50 ins.
	3.	Rear track: Plus 3" 49.00 ins.

Date amendment is valid from 1st August 1966

List 14/7

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