F.I.A. Recognition No. 5135

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

Cylinder-capacity 1980 cm.³ 120.8 in.³

Manufacturer Rover Company Limited — Model 2000 TC

Serial No. of chassis/body 40000001 — Manufacturer Rover

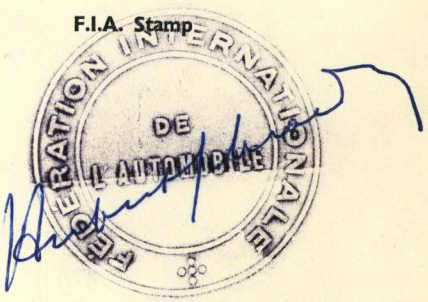
Serial No. of engine 40000001 — Manufacturer Rover

Recognition is valid from 1st Jan. 1967 — List 15/2

The manufacturing of the model described in this recognition form started on 1st January 1966 and the minimum production of 5000 identical cars, in accordance with the specifications of this form was reached on 25th October 1966

Photograph A, ¾ view of car from front

F.I.A. Stamp



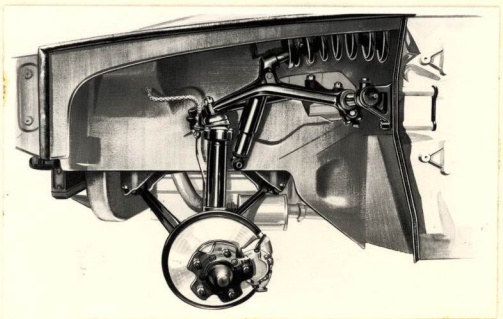
R.A.C. Stamp

Make Rover Model 2000 TC F.I.A. Rec. No. 5135

B

C

D



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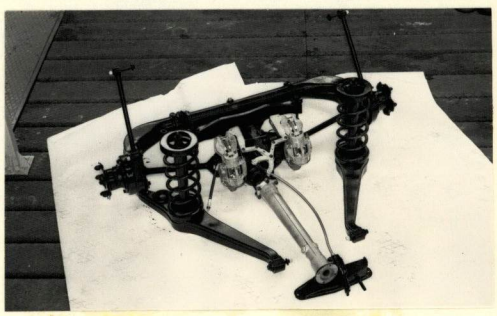

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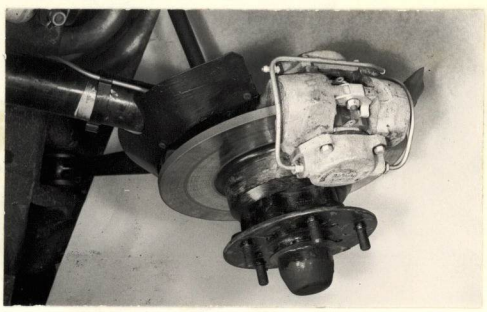

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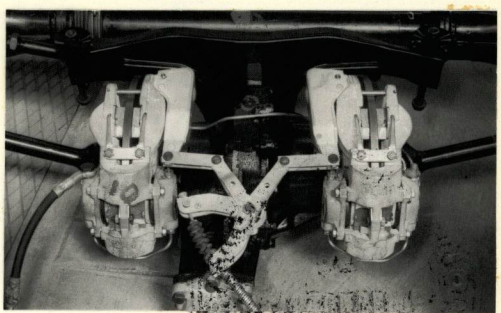

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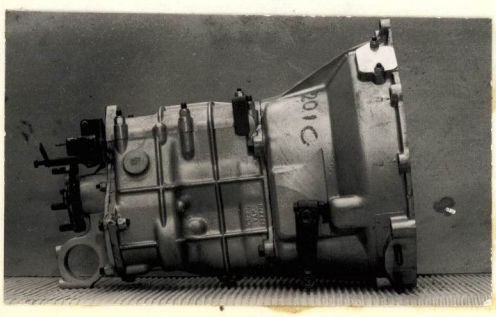

I

Make Rover Model 2000 TC F.I.A. Rec. No. 5735

J

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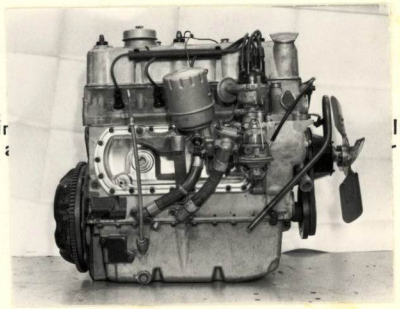

K

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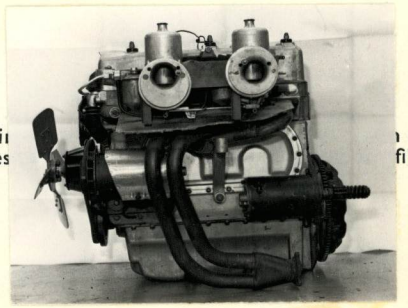

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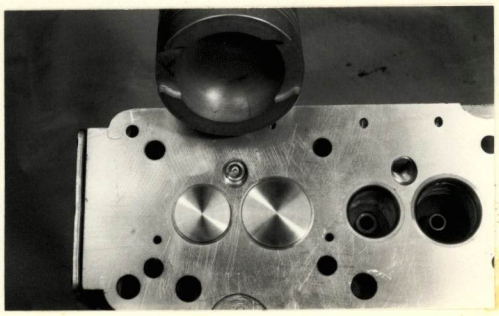

M

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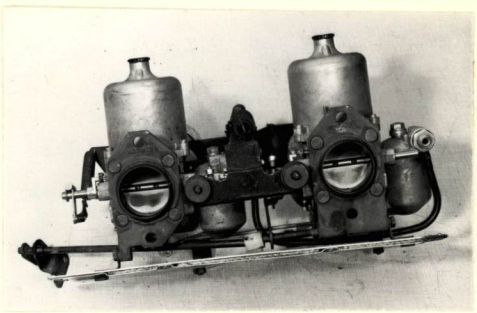

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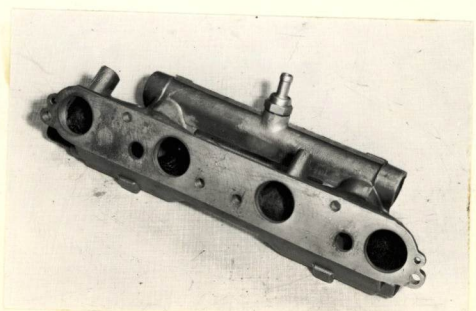


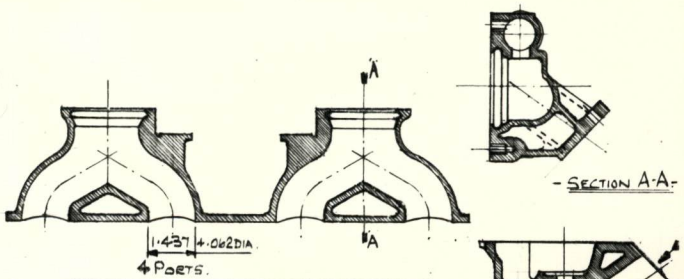
Q

Make Rover Model 2000 TC F.I.A. Rec. No. 5135

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

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

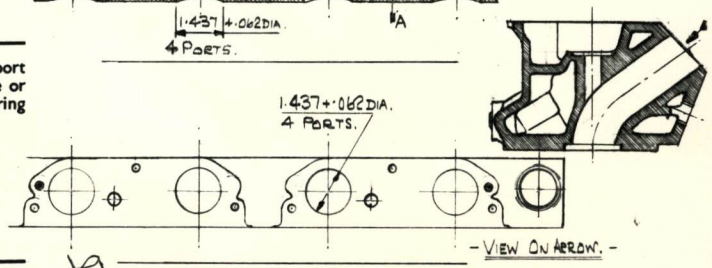
SCALE 1:4.



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

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

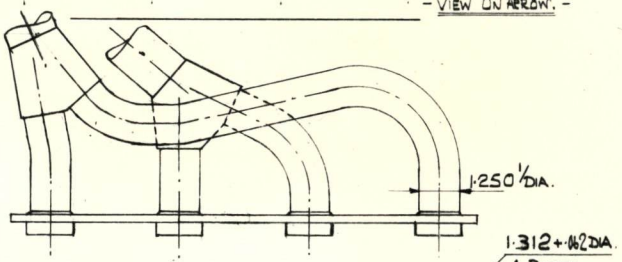
SCALE 1:4.



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

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

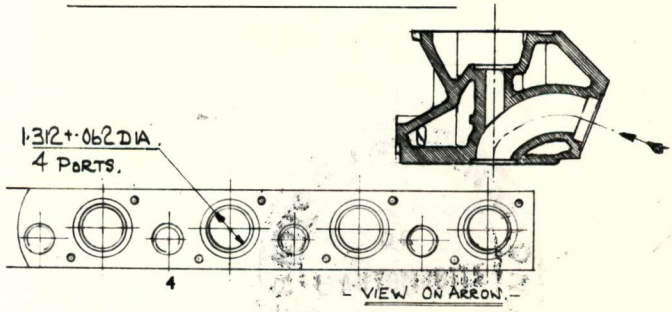
SCALE 1:4.



Drawing of exit to exhaust port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.

Drawing of exit to exhaust port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.

SCALE 1:4.



Make Rover Model 2000 TC F.I.A. Rec. No. 5135

NOTE 1.

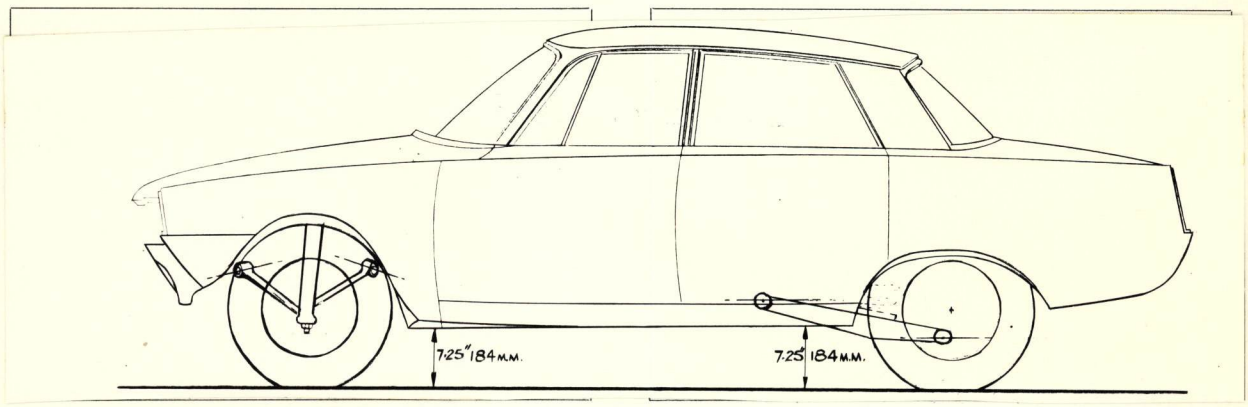
All dimensions must be given in two measuring systems, see Note 3.

CAPACITIES AND DIMENSIONS

1. Wheelbase 2630 mm. 103.375 inches

2. Front track 1350 mm. 53.375 inches

3. Rear track 1330 mm. 52.50 inches



4. Overall length of the car 453 cm. 178.5 inches

5. Overall width of the car 168 cm. 66.0 inches

6. Overall height of the car 139 cm. 54.75 inches

7. Capacity of fuel tank (reserve included)

57 ltrs. 15.2 gall. U.S. 12.5 gall. Imp.

8. Seating Capacity. Four

9. Weight. Total weight of the car with normal equipment, water, oil, and spare wheel but without fuel or repair tools :

1233 kg. 2715 lbs. 24.25 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 Rover Model 2000 TC F.I.A. Rec. No. 5135

CHASSIS AND COACHWORK (Photographs A, B and C)

20. Chassis/body construction: ~~separate/unitary construction~~ Steel base unit with bolt-on skin panels
Base unit
21. ~~Unitary~~ construction, material(s) Welded steel
22. Separate construction, Material(s) of chassis —
23. Material(s) of coachwork Steel and aluminium alloy
24. Number of doors 4 Material(s) Steel
25. Material(s) of bonnet Aluminium alloy
26. Material(s) of boot lid Aluminium alloy
27. Material(s) of rear-window Glass
28. Material(s) of windscreen Laminated or toughened glass
29. Material(s) of front-door windows Glass
30. Material(s) of rear-door windows Glass
31. Sliding system of door windows Mechanical wind
32. Material(s) of rear-quarter light Glass

ACCESSORIES AND UPHOLSTERY

38. Interior heating : yes — ~~no~~
39. Air conditioning : ~~yes~~ — ~~no~~ optional
40. Ventilation : yes — ~~no~~
41. Front seats, type of seat and upholstery Leather
42. Weight of front seat(s), complete with supports and rails, out of the car : 16.8 kg. 37 lbs.
43. Rear seats, type of seat and upholstery Leather
44. Front bumper, material(s) Steel Weight 4.1 kg. 9 lbs.
45. Rear bumper, material(s) Steel Weight 3.6 kg. 8 lbs.

WHEELS

50. Type Ventilated disc
51. Weight (per wheel, without tyre) 7.3 kg. 16 lbs.
52. Method of attachment Five double-ended nuts
53. Rim diameter 356 mm. 14 ins. 54. Rim width 127 mm. 5 ins.

STEERING

60. Type Adamant Marles hourglass worm and roller
61. Servo-assistance : ~~yes~~ — no
62. Number of turns of steering wheel from lock to lock $3\frac{3}{4}$
63. In case of servo-assistance —

Make Rover Model 2000 TC F.I.A. Rec. No. 5135

SUSPENSION

70. Front suspension (photograph D), type Independent; transverse bottom links & leading top links acting on horizontal springs
71. Type of spring Helical coil
72. Stabiliser (if fitted) Clamped to top links; direct action
73. Number of shock absorbers Two 74. Type Hydraulic, double-acting, telescopic
78. Rear suspension (photograph E), type De Dion type incorporating a sliding joint, Watts linkage and stabilising rod
79. Type of spring Helical coil
80. Stabiliser (if fitted) Fitted between final drive and base unit
81. Number of shock absorbers Two 82. Type Hydraulic, double-acting, telescopic

BRAKES (photographs F and G)

90. Method of operation Hydraulic
91. Servo-assistance (if fitted), type Lockheed type 7 unit (7" diameter vacuum piston)
92. Number of hydraulic master cylinders One

		FRONT			REAR		
93. Number of cylinders per wheel	Two			Two			
94. Bore of wheel cylinder(s)	54	mm.	2.1	inches	39.5	mm.	1.6	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	274	mm.	10.75	inches	261	mm.	10.25	inches
101. Thickness of disc	9.525	mm.	0.375	inches	9.65	mm.	0.380	inches
102. Length of brake linings	54	mm.	2.13	inches	54	mm.	2.13	inches
103. Width of brake linings	47.5	mm.	1.87	inches	47.5	mm.	1.87	inches
104. Number of pads per brake		Two				Two		
105. Total area per brake	5190	mm.²	7.94	sq. in.	5190	mm.²	7.94	sq. in.

Make Rover Model 2000 TC F.I.A. Rec. No. 5135

ENGINE (photographs J and K)

130. Cycle Four stroke
131. Number of cylinders Four
132. Cylinder Arrangement Vertical in line
133. Bore 85.725 mm. 3.375 in.
134. Stroke 85.725 mm. 3.375 in.
135. Capacity per cylinder 495 cm.³ 30.2 cu. in.
136. Total cylinder capacity 1980 cm.³ 120.8 cu. in.
137. Material(s) of cylinder block Cast iron
138. Material(s) of sleeves (if fitted) —
Number fitted One
139. Cylinder head, material(s) Aluminium
140. Number of inlet ports Four
141. Number of exhaust ports Four
142. Compression ratio 10:1
143. Volume of one combustion chamber 54.7 ± 1.0 cm.³ 3.37 ± 0.06 cu. in.
144. Piston, material Rover ANS 12
145. Number of rings Three
146. Distance from gudgeon pin centre line to highest point of piston crown 56.52 mm. 2.225 in.
147. Crankshaft : ~~moulded~~/stamped
148. Type of crankshaft: integral/yes
149. Number of crankshaft main bearings Five
150. Material of bearing cap Cast iron
151. System of lubrication : ~~dry sump~~/oil in sump
152. Capacity, lubricant 5.7 ltrs. 10 pts. 6.0 quarts U.S.
153. Oil cooler : yes/~~no~~ (optional)
154. Method of engine cooling Liquid coolant
155. Capacity of cooling system 9.7 ltrs. 17 pts. 9 quarts U.S.
156. Cooling fan (if fitted) dia. 39.3 cm. 15.4 in.
157 Number of blades of cooling fan Four

Bearings

158. Crankshaft main, type Vandervell lead-indium or Glacier reticular alum-tin dia. 63.500 m.m. 2.500 in.
159. Connecting rod big end, type Ditto dia. 50.800 m.m. 2.000 in.

Weights

160. Flywheel (clean) 10.1 kg. 22.5 lbs.
161. Flywheel with clutch (all turning parts) 17.25 kg. 38.0 lbs.
162. Crankshaft 19.8 kg. 43.5 lbs.
163. Connecting rod 0.9 kg. 2.0 lbs.
164. Piston with rings and pin 0.74 kg. 1.63 lbs.

Make Rover Model 2000 TC F.I.A. Rec. No. 5/135

FOUR STROKE ENGINES

170. Number of camshafts One
171. Location Overhead
172. Type of camshaft drive Chain
173. Type of valve operation Cam via inverted bucket tappet direct to valve

INLET (see page 4)*

180. Material(s) of inlet manifold Aluminium
181. Diameter of valves 41.685 mm. 1.654 ins.
182. Max. valve lift 9.677 mm. 0.381 in.
183. Number of valve springs Two per valve
184. Type of spring Coil
185. Number of valves per cylinder One
186. Tappet clearance for checking timing (cold) 0.381 mm. 0.015 ins.
187. Valves open at (with tolerance for tappet clearance indicated) 14 deg B.T.D.C.
188. Valves close at (with tolerance for tappet clearance indicated) 46 deg A.B.D.C.
189. Air filter, type Paper element

EXHAUST (see page 4)*

195. Material(s) of exhaust manifold Fabricated steel
196. Diameter of valves 37.600 mm. 1.341 ins.
197. Max. valve lift 9.55 mm. 0.376 in.
198. Number of valve springs Two per valve
199. Type of spring Coil
200. Number of valves per cylinder One
201. Tappet clearance for checking timing (cold) 0.381 mm. 0.015 ins.
202. Valves open at (with tolerance for tappet clearance indicated) 44 deg B.B.D.C.
203. Valves close at (with tolerance for tappet clearance indicated) 16 deg A.T.D.C.

CARBURETION (photograph N)

210. Number of carburettors fitted Two
211. Type Horizontal
212. Make S.U.
213. Model HD 8
214. Number of mixture passages per carburettor One
215. Flange hole diameter of exit port(s) of carburettor 50.8 mm. 2.0 ins.
216. Minimum diameter of venturi/minimum diam., with piston at maximum height (example : SU) 43 mm. 1.56 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 Rover Model 2000 TC F.I.A. Rec. No. 5135

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 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 115 bhp (type of horsepower: installed) at 5,500 r.p.m.

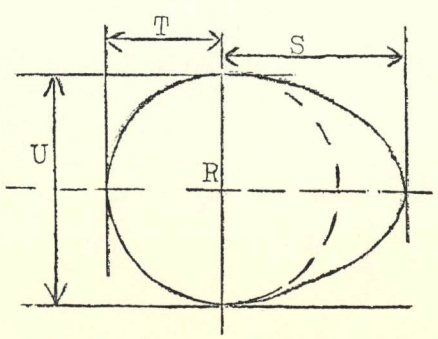
251. Max. r.p.m. 6,500 output at that figure 105 bhp

252. Max. torque 126 lbs ft at 3,500 r.p.m.

253. Max. speed of the car 180 km./hour 112 miles/hour

R = centre of camshaft

a55



Inlet cam

S = 25.654±0.102 mm. 1.010 ±0.004 inches
T = 15.875±0.025 mm. 0.625 ± 0.001 inches
U = 31.765±0.025 mm. 1.251 ± 0.001 inches

Exhaust cam

S = 25.654±0.102 mm. 1.010 ± 0.004 inches
T = 15.875±0.025 mm. 0.625 ± 0.001 inches
U = 31.765±0.025 mm. 1.251 ± 0.001 inches

Make Rover Model 2000 TC F.I.A. Rec. No. 5135

DRIVE TRAIN

CLUTCH

260. Type of clutch Diaphragm spring

261. No. of plates One

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

263. Dia. of linings, inside 15.8 cm. 6.25 ins.

outside 21.6 cm. 8.5 ins.

264. Method of operating clutch Hydraulic

GEAR BOX (photograph H)

270. Manual type, make Rover

Method of operation Central gear lever

271. No. of gear-box ratios forward Four

272. Synchronized forward ratios Four

273. Location of gear-shift Floor mounted

274. Automatic, make --

type --

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	3.625	29/20 x 30/12						
2	2.133	29/20 x 25/17						
3	1.391	29/20 x 24/25			1.51	29/20 x 25/24		
4	1.000	Direct						
5								
6								
reverse	3.430	29/20 x 26/11						

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 bevel

292. Type of limited slip differential (if fitted) --

293. Final drive ratio 3.54:1 or 4.1:1

Number of teeth 11/39 or 10/41

Make..... Model..... F.I.A. Rec. No. 5135

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.

Manufacturer Rover Motor Company

Model 2000 TC

F.I.A. Recognition No. 5735

Amendment No. 1

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

Amendment to Form of Recognition

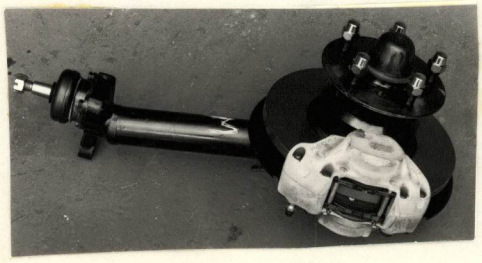
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. | Reference No.

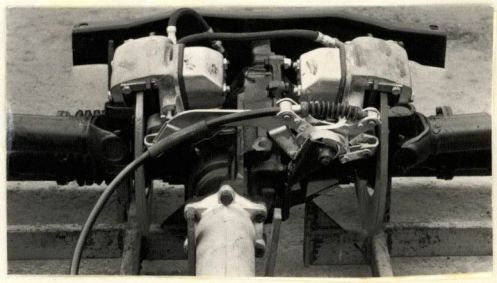
EVOLUTION

1. Girling brakes in place of Dunlop brakes

Front Brake



Rear Brake



		Front		Rear	
93.	Number of cylinders per wheel	2		2	
94.	Bore of wheel cylinder(s)	54mm.	2.1 in	19 mm.	0.75 in
100.	Outside diameter of disc	262mm.	10.31 in	272 mm.	10.69 in
101.	Thickness of disc	12.83mm.	0.505 in	9.65 mm.	0.380 in
102.	Length of brake linings	66mm.	2.6 in	71 mm.	2.8 in
103.	Width of brake linings	50.8mm.	2.0 in	31.8 mm	1.25 in
104.	Number of pads per brake	2		2	
105.	Total area per brake	6710mm^2	10.4 in^2	4516 mm^2	7.0 in^2

2. .. Tachometer. Part No. 601913/4

Group 1

Optional (Alternative) Equipment

3. 91. Lockheed 5½ in. brake servo unit. Part No. 535732.
'(Fitted during normal evolution of the model)

4. 142. 9:1 compression ratio. Combustion chamber volume then:
61.9 ± 1.0 cc.

5. .. Over-riders with rubber inserts. Part Nos. Front - 553798/9
Rear - 553802/3

Group 2

6. 27 Heated rear screen Part No. 376102
28 Heated windscreen Part No. 367204W

Date amendment is valid from 1st Jan. 1967

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Stamp of R.A./R.A.C.

Manufacturer: Rover Motor Company

Model: Rover 2000 TC

F.I.A. Recognition No. 5735

Amendment No. 2

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 (Alternative) Equipment — Group 2
7.	50.	Alternative wheels. Part No.562041 Type: Pressed Steel 5½ JK Weight: 8.8 kgs. 19.4 lbs. Rim width: 139.7 mms. 5.5 ins Front track: 1363 mms. 53.875 ins. Rear track: 1343 mms. 53.0 ins. NOTE: When using these wheels there is NO change in TRACK
8.	236.	Alternator (Part No. 559123) in place of dynamo.
group 1 9.	..	Ameter. Part No. 500907
10.	..	Temperature gauge. Part No. 531610
11.	..	Oil pressure gauge. Part No. 537150
12.	..	Passenger seat headrest. Part No. 367910
13.	..	Sump guard. Part No. 560147 Length: 45.5 in. 115.6 cm. Width: 17 in. 43.2 cm.
14.	..	Normal manufacturer's tolerances for this model: All machined surfaces: ± 0.75% All non machined surfaces: ± 2.0 % Weights of part-machined components ± 2.5 % Weights of fully machined components ± 1.25%
15.	50. 50. 51. 52. 54.	Alternative wheels Part No. 538964 Type: Wire (72 spoke) Weight: 8.4 kg. 18.5 lbs. Method of attachment: 1 knock-off nut Rim width: 127 mm. 5 in. NOTE: When using these wheels there is NO change in TRACK
16.	156 157	Six blade fan. Part No. 554628 (fitted for certain export markets) Fan diameter: 39.3 cm. 15.4 in. Number of blades: 6

Date amendment is valid from 1st Jan 1967.

Stamp of R.A.C./R.A.C.

Herbert Scheele